

**PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT
SANTOK INVESTMENT BUILDING , MARTINTAR , NADI**

Sht. No.	INDEX - DRAWING SCHEDULE
SERIES A	ARCHITECTURAL DRAWINGS
SERIES E	ELECTRICAL DRAWINGS
SERIES F	FIRE PROTECTION DRAWINGS
SERIES H	HYDRAULIC DRAWINGS
SERIES M	MECHANICAL DRAWINGS

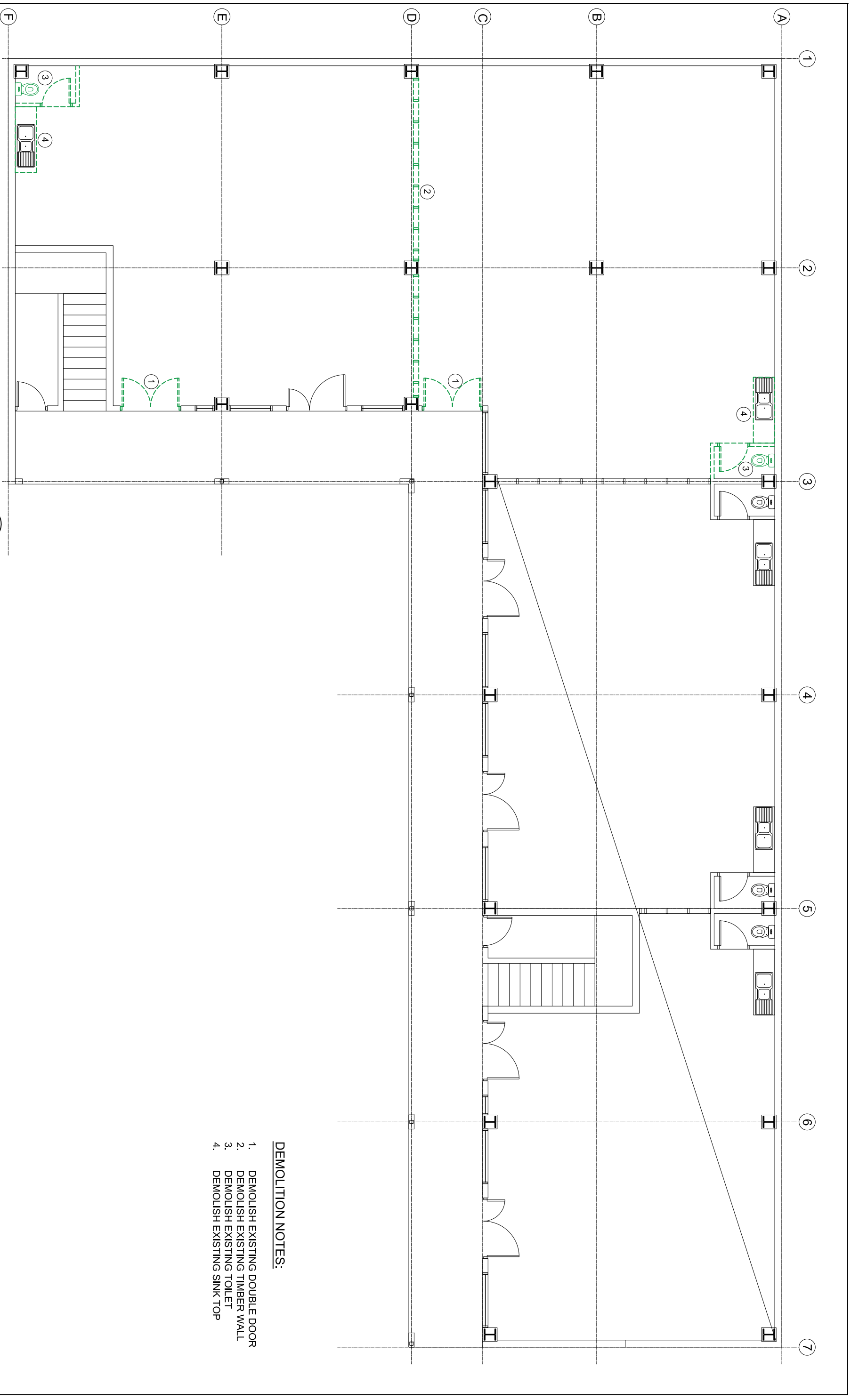
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ARCHITECTURAL DRAWINGS

PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING , MARTINTAR , NADI

DWG NO:	DESCRIPTION	DATE	REVISION
A0	DRAWING INDEX	28:02:25	1
A1	EXISTING GROUND FLOOR PLAN AND DEMOLITION PLAN	28:02:25	1
A2	PROPOSED GROUND FLOOR PLAN	28:02:25	1
A3	EXISTING LEVEL 1 FLOOR PLAN AND DEMOLITION PLAN	28:02:25	1
A4	PROPOSED LEVEL 1 FLOOR PLAN	28:02:25	1
A5	EXISTING GROUND FLOOR REFLECTIVE CEILING PLAN	28:02:25	1
A6	EXISTING LEVEL 1 REFLECTIVE CEILING PLAN	28:02:25	1
A7	PROPOSED GROUND FLOOR REFLECTIVE CEILING PLAN	28:02:25	1
A8	PROPOSED LEVEL 1 REFLECTIVE CEILING PLAN	28:02:25	1
A9	TYPICAL PARTITION SECTION	28:02:25	1
A10	JOINERY DETAILS	28:02:25	1
A11	JOINERY DETAILS	28:02:25	1
DW1	GROUND FLOOR DOOR & WINDOW REFERENCING PLAN	28:02:25	1
DW2	LEVEL 1 DOOR & WINDOW REFERENCING PLAN	28:02:25	1
DW3	DOOR AND WINDOW SCHEDULE.	28:02:25	1

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	DRAWING INDEX			PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING , MARTINTAR , NADI	Lot 1, Wainibokasi rd, Nausori Phone: (679) 3477 913 MOB: (679) 9232 532 E-mail: vokaiconsultants@gmail.com Building Design Consultants		SCALE: AS SHOWN	Sheet No: A0
	Rev	NOTES			DATE	DRAWN: S.H.W	Rev	1
	1	TENDER ISSUE			28/02/2025	DESIGN: S.H.W		
2								
3								



- DEMOLITION NOTES:**
1. DEMOLISH EXISTING DOUBLE DOOR
 2. DEMOLISH EXISTING TIMBER WALL
 3. DEMOLISH EXISTING TOILET
 4. DEMOLISH EXISTING SINK TOP

1 EXISTING GROUND FLOOR PLAN

Scale 1:100

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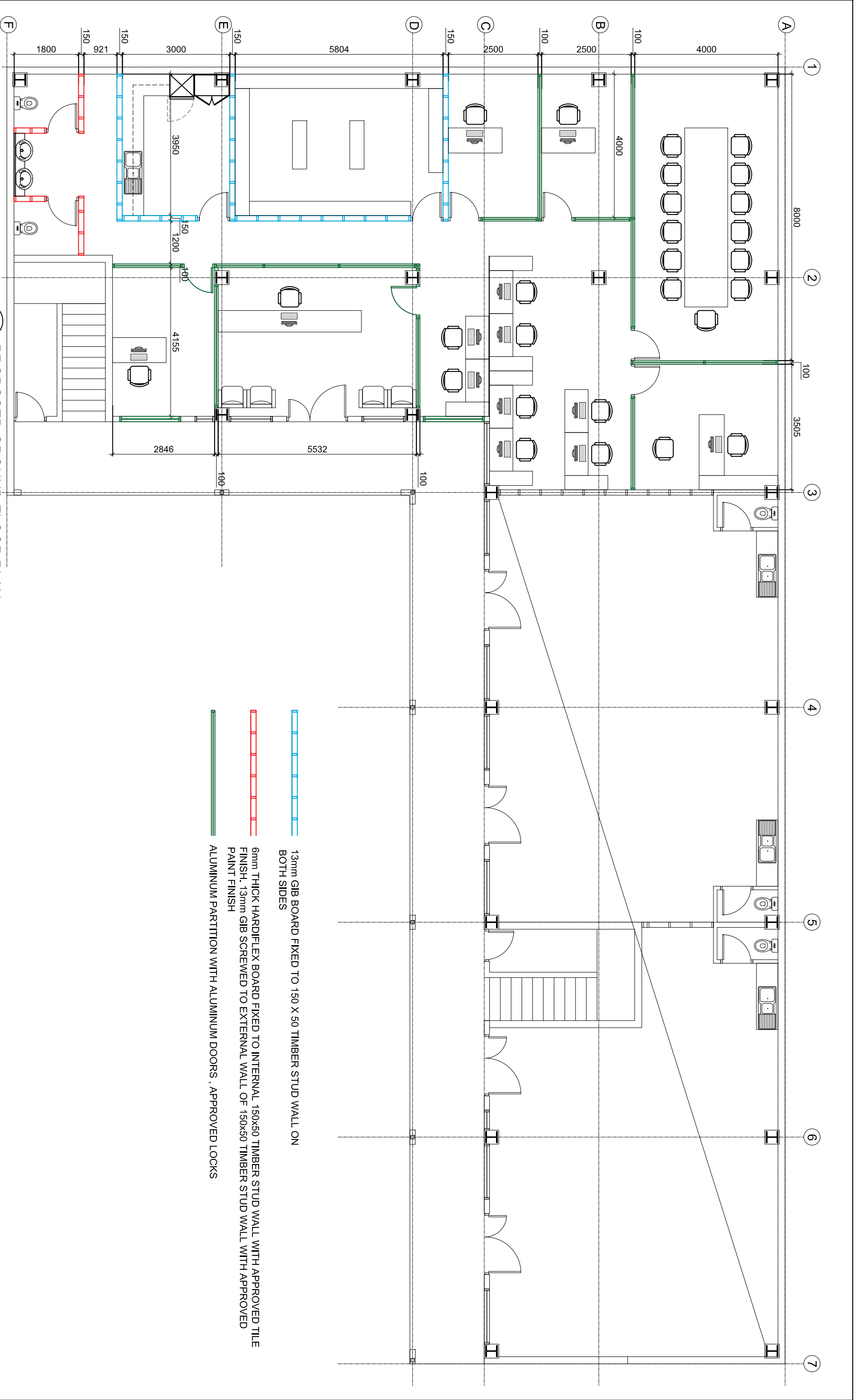
SHEET TITLE
**EXISTING GROUND FLOOR PLAN
AND DEMOLITION PLAN**

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
**PROPOSED OFFICE FITOUT FOR TAUKEI
LAND TRUST BOARD AT SANTOK
INVESTMENT BUILDING, MARTINTAR,
NADI**

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2 PROPOSED GROUND FLOOR PLAN
Scale 1:100

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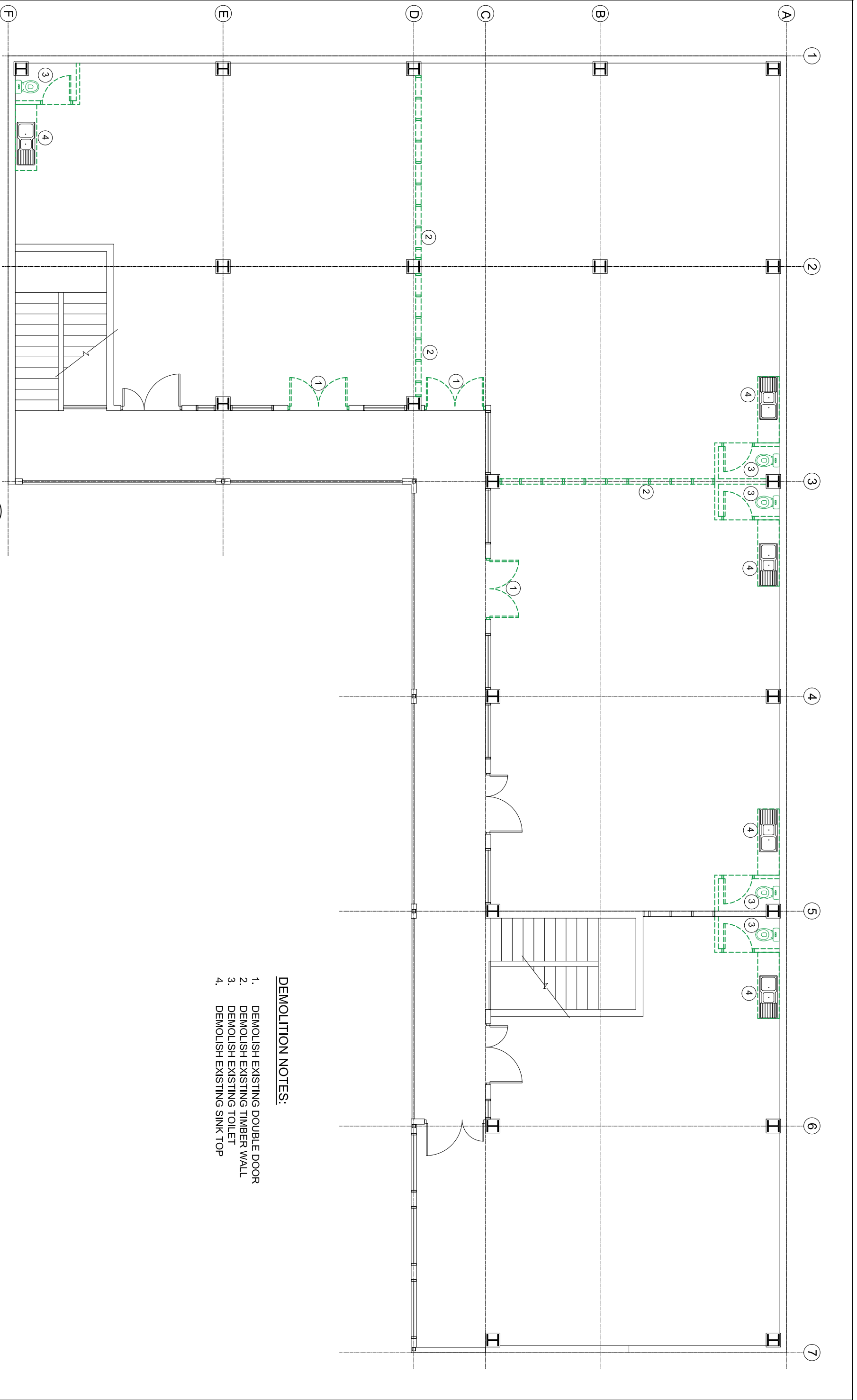
SHEET TITLE
PROPOSED GROUND FLOOR PLAN

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

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- DEMOLITION NOTES:**
1. DEMOLISH EXISTING DOUBLE DOOR
 2. DEMOLISH EXISTING TIMBER WALL
 3. DEMOLISH EXISTING TOILET
 4. DEMOLISH EXISTING SINK TOP

3 EXISTING LEVEL 1 FLOOR PLAN

Scale 1:100

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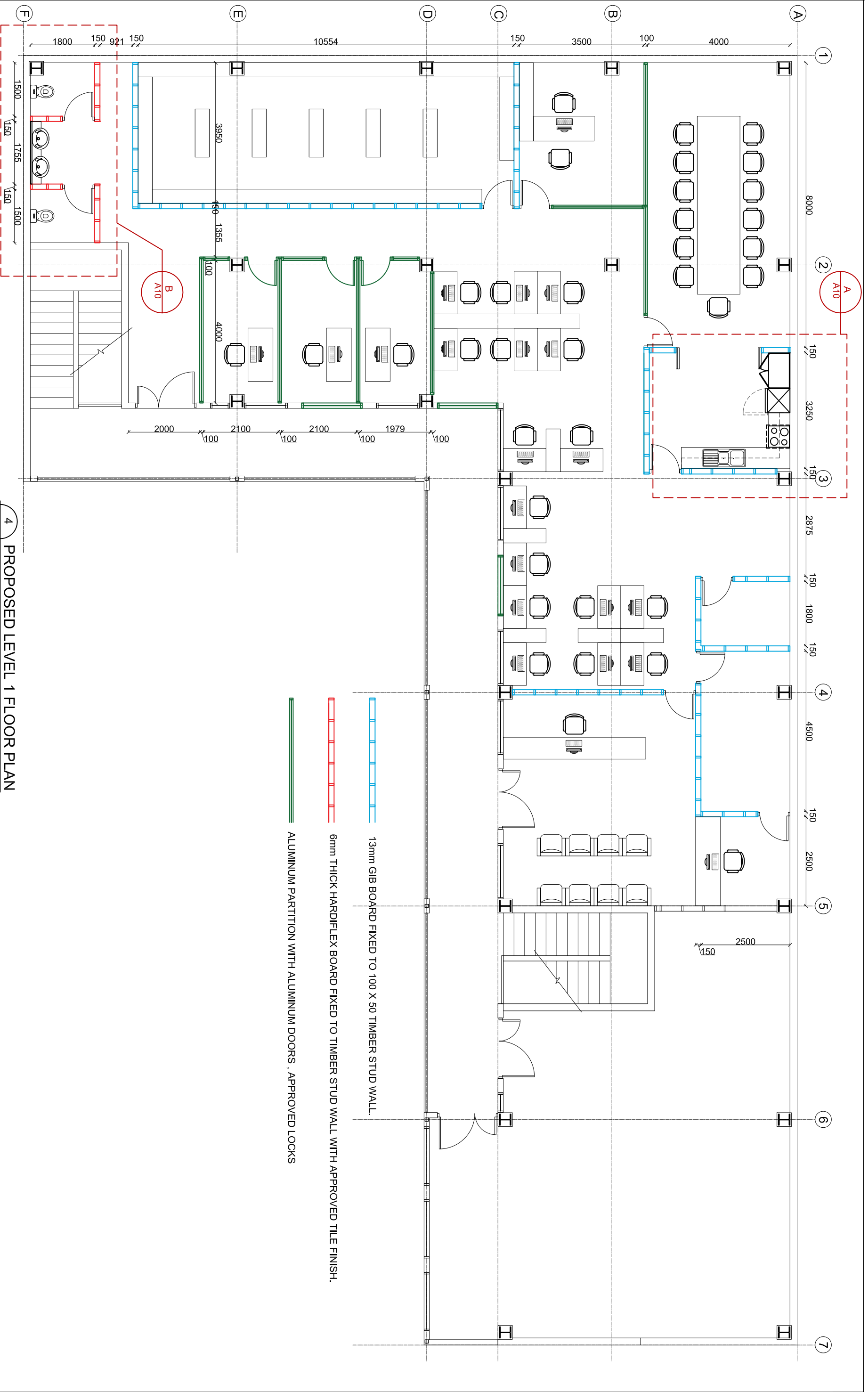
SHEET TITLE
EXISTING LEVEL 1 FLOOR PLAN
AND DEMOLITION PLAN

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI
LAND TRUST BOARD AT SANTOK
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PROPOSED LEVEL 1 FLOOR PLAN
Scale 1:100

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SHEET TITLE
PROPOSED LEVEL 1 FLOOR PLAN AND DEMOLITION PLAN

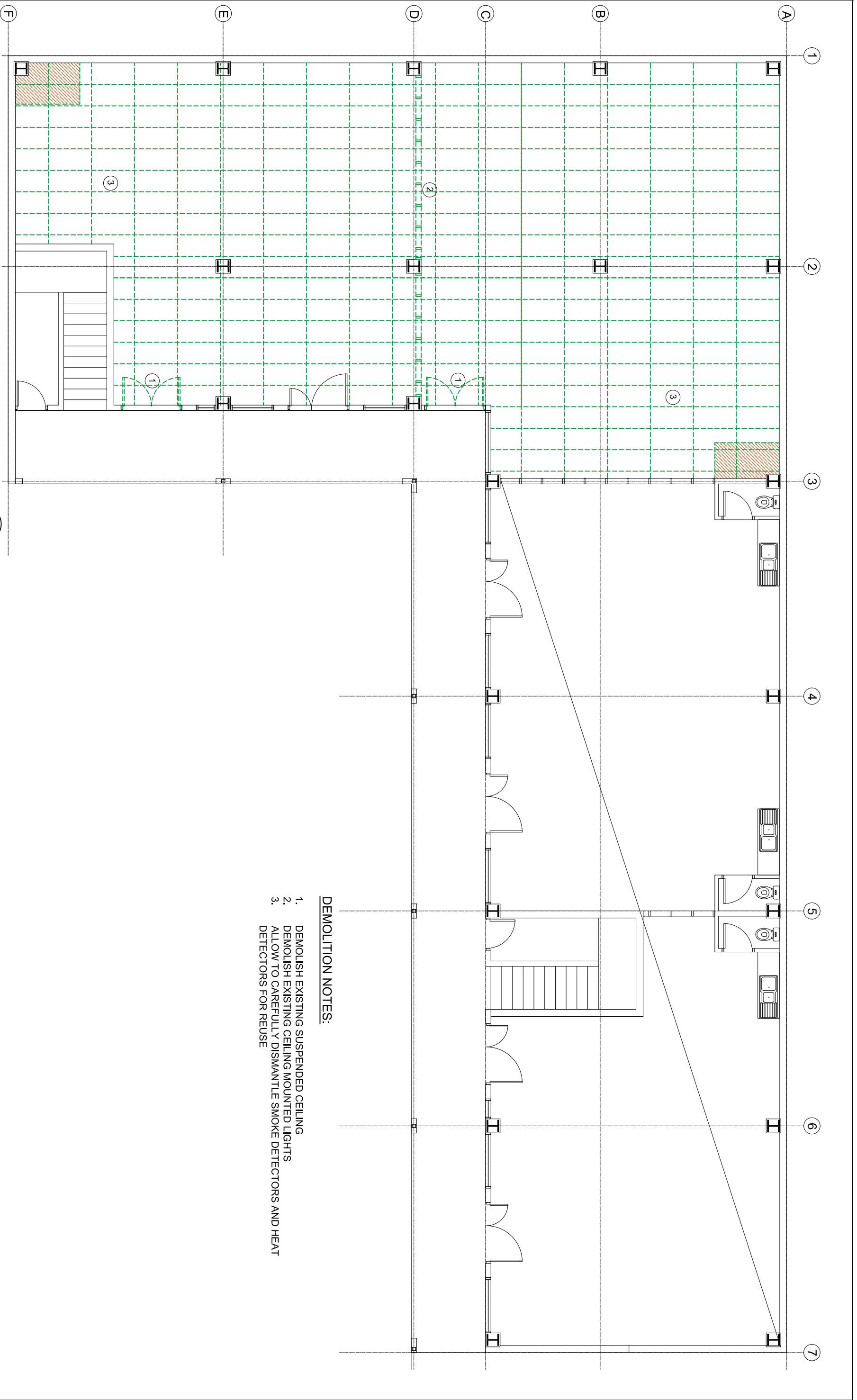
Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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Job No: 014
Sheet No: A4
Rev 1



- DEMOLITION NOTES:**
1. DEMOLISH EXISTING SUSPENDED CEILING
 2. DEMOLISH EXISTING CEILING MOUNTED LIGHTS
 3. ALLOW TO CAREFULLY DISMANTLE SMOKE DETECTORS AND HEAT DETECTORS FOR REUSE

5 EXISTING GROUND REFLECTIVE CEILING PLAN
Scale 1:100

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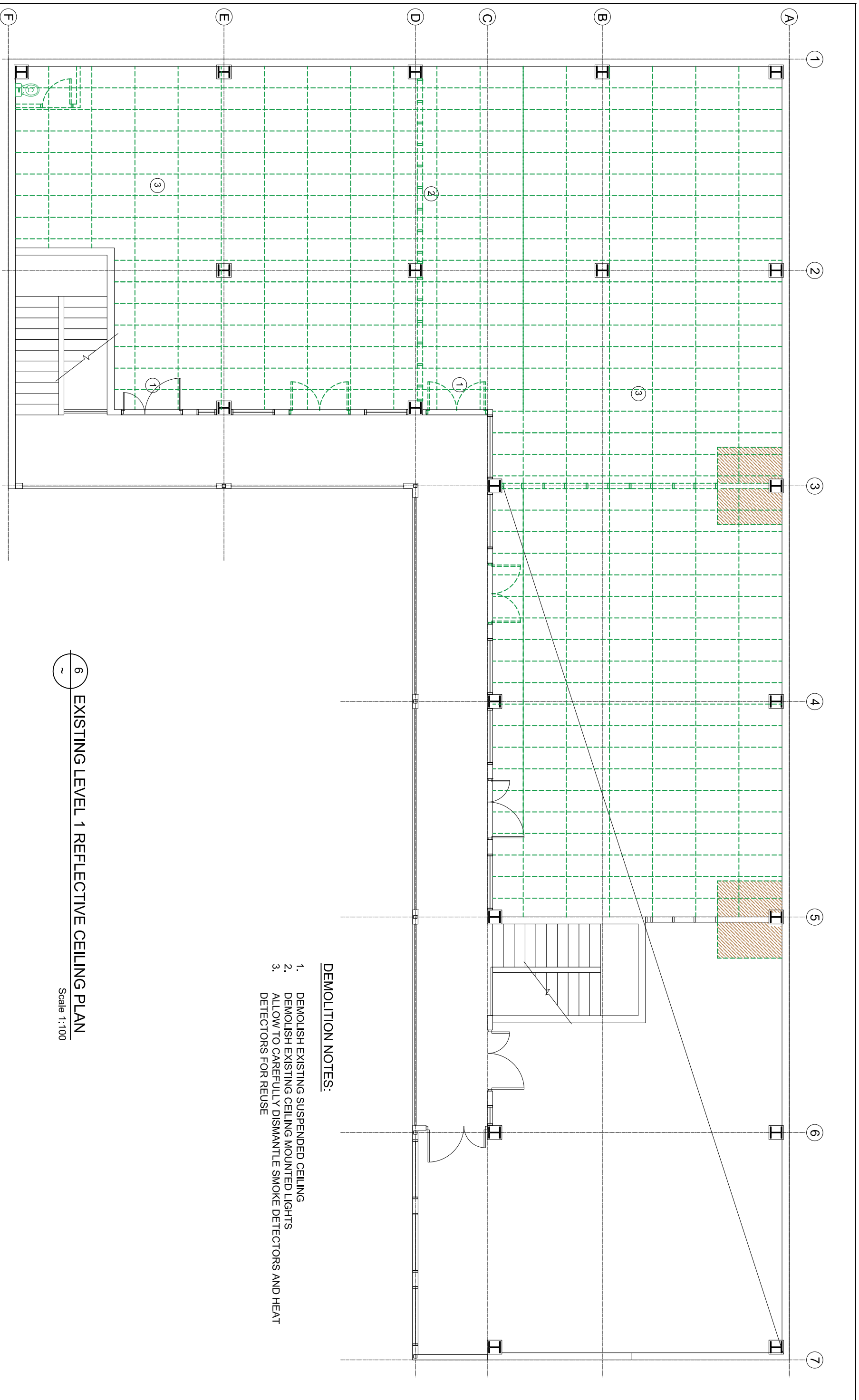
SHEET TITLE
EXISTING GROUND FLOOR REFLECTIVE CEILING PLAN

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
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DATE: 28 FEB 2025	Job No: 014
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DESIGN: S.H.W	



- DEMOLITION NOTES:**
1. DEMOLISH EXISTING SUSPENDED CEILING
 2. DEMOLISH EXISTING CEILING MOUNTED LIGHTS
 3. ALLOW TO CAREFULLY DISMANTLE SMOKE DETECTORS AND HEAT DETECTORS FOR REUSE

6 EXISTING LEVEL 1 REFLECTIVE CEILING PLAN
Scale 1:100

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SHEET TITLE
EXISTING LEVEL 1 REFLECTIVE CEILING PLAN

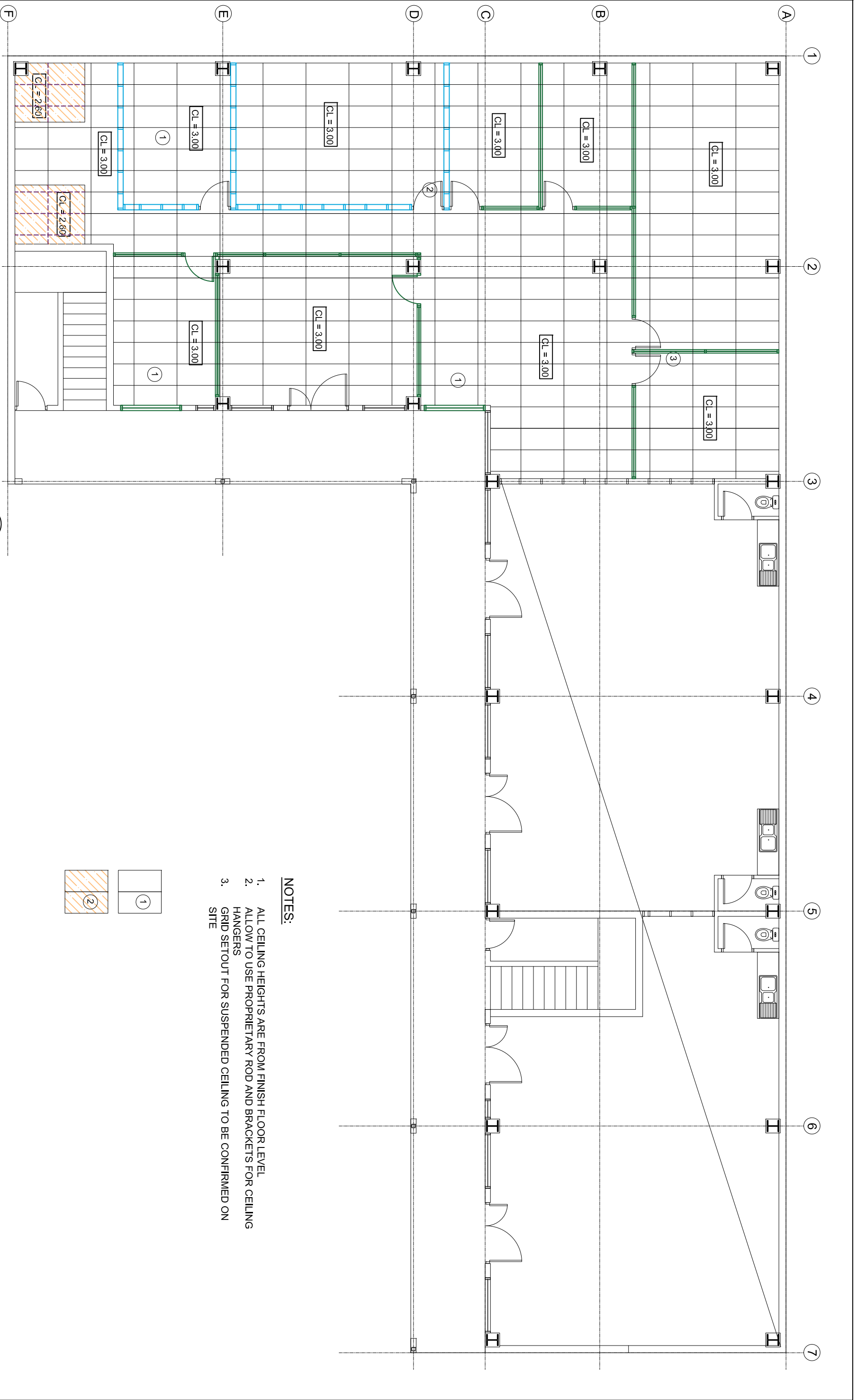
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1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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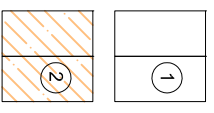
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Job No: 014
Sheet No: A6
Rev 1



NOTES:

1. ALL CEILING HEIGHTS ARE FROM FINISH FLOOR LEVEL
2. ALLOW TO USE PROPRIETARY ROD AND BRACKETS FOR CEILING HANGERS
3. GRID SETOUT FOR SUSPENDED CEILING TO BE CONFIRMED ON SITE



7 PROPOSED GROUND FLOOR REFLECTIVE CEILING PLAN

Scale 1:100

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SHEET TITLE
PROPOSED GROUND FLOOR REFLECTIVE CEILING PLAN

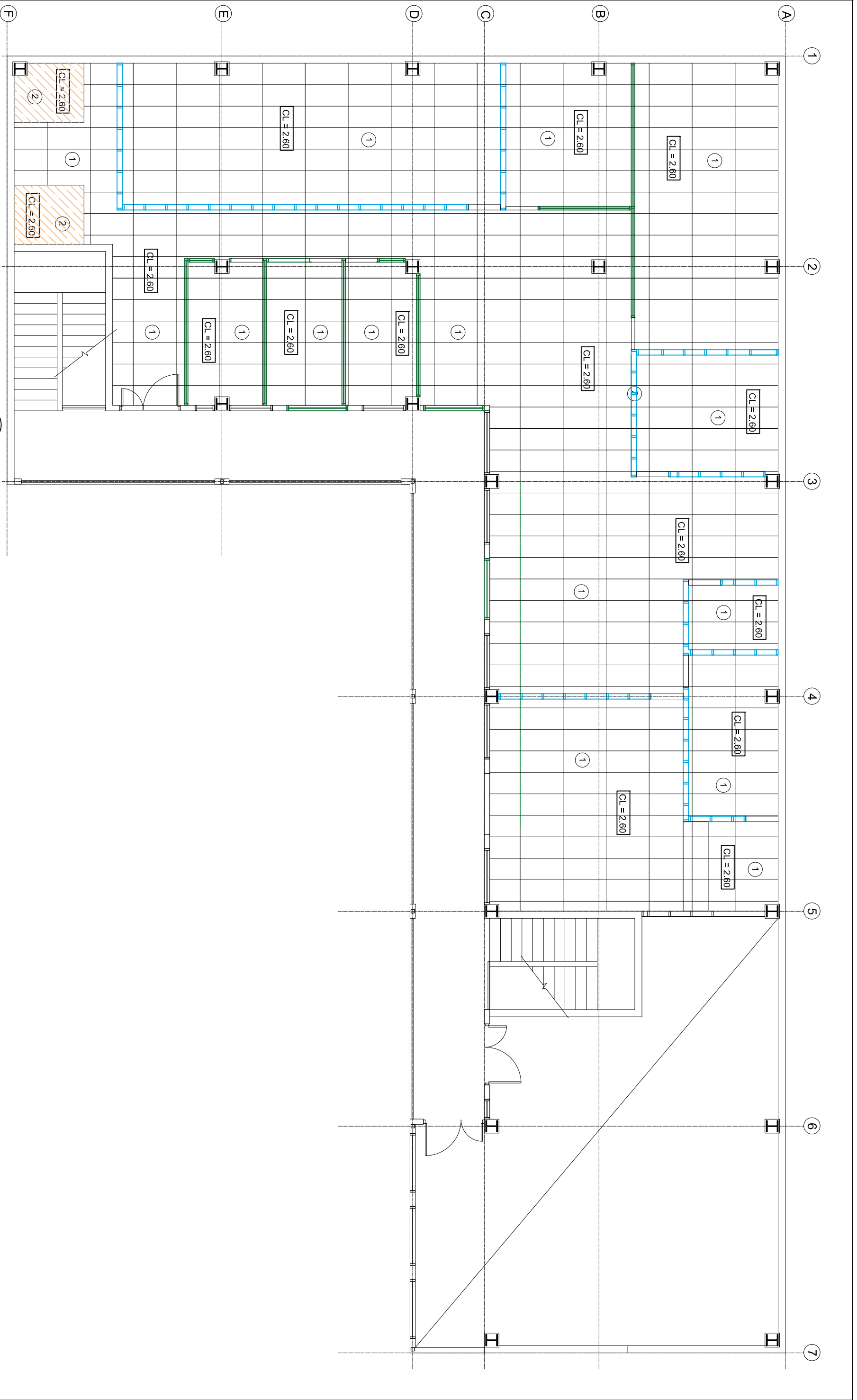
Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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Job No: 014
Sheet No: A7
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8 PROPOSED LEVEL 1 FLOOR REFLECTIVE CEILING PLAN

Scale 1:100

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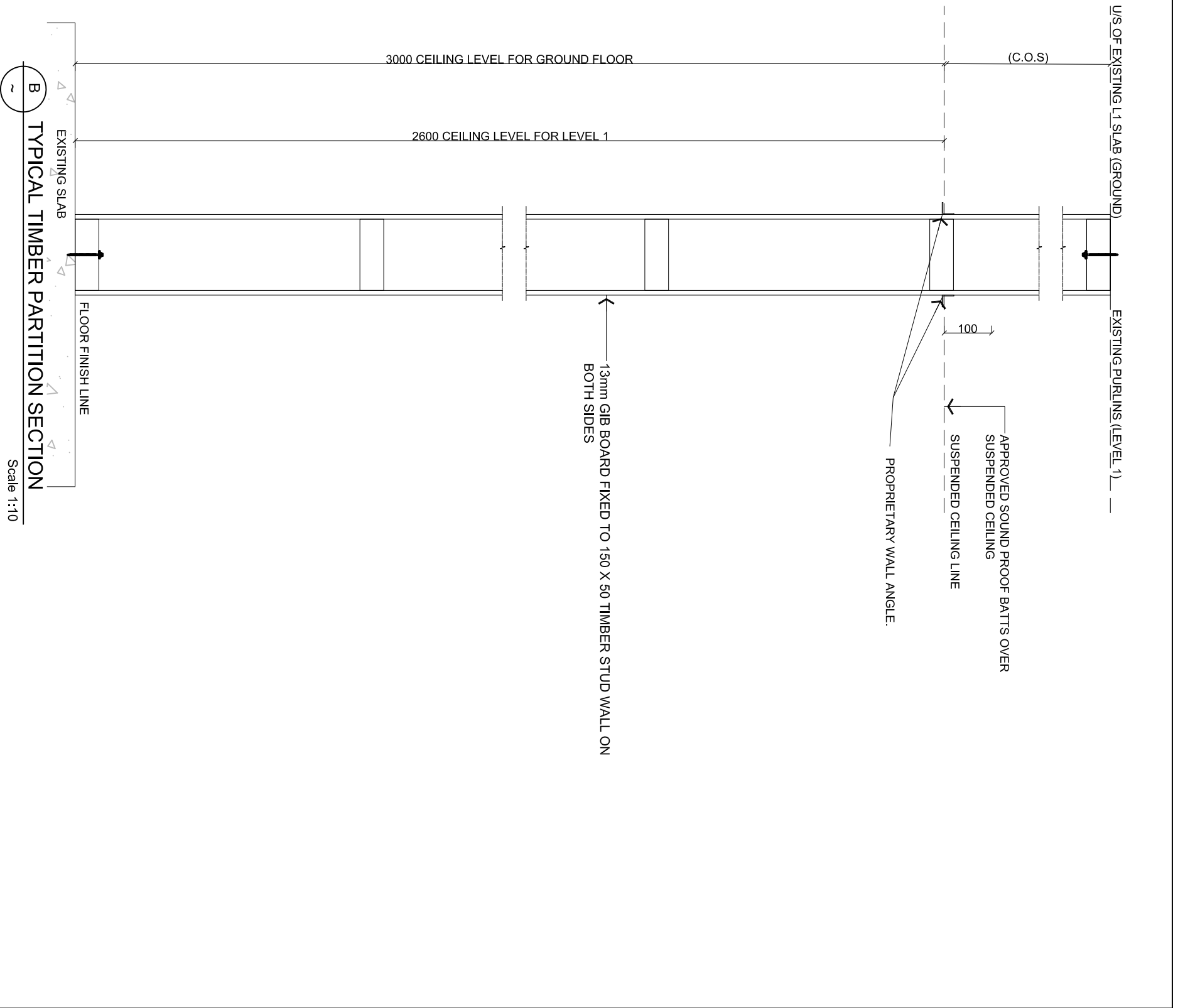
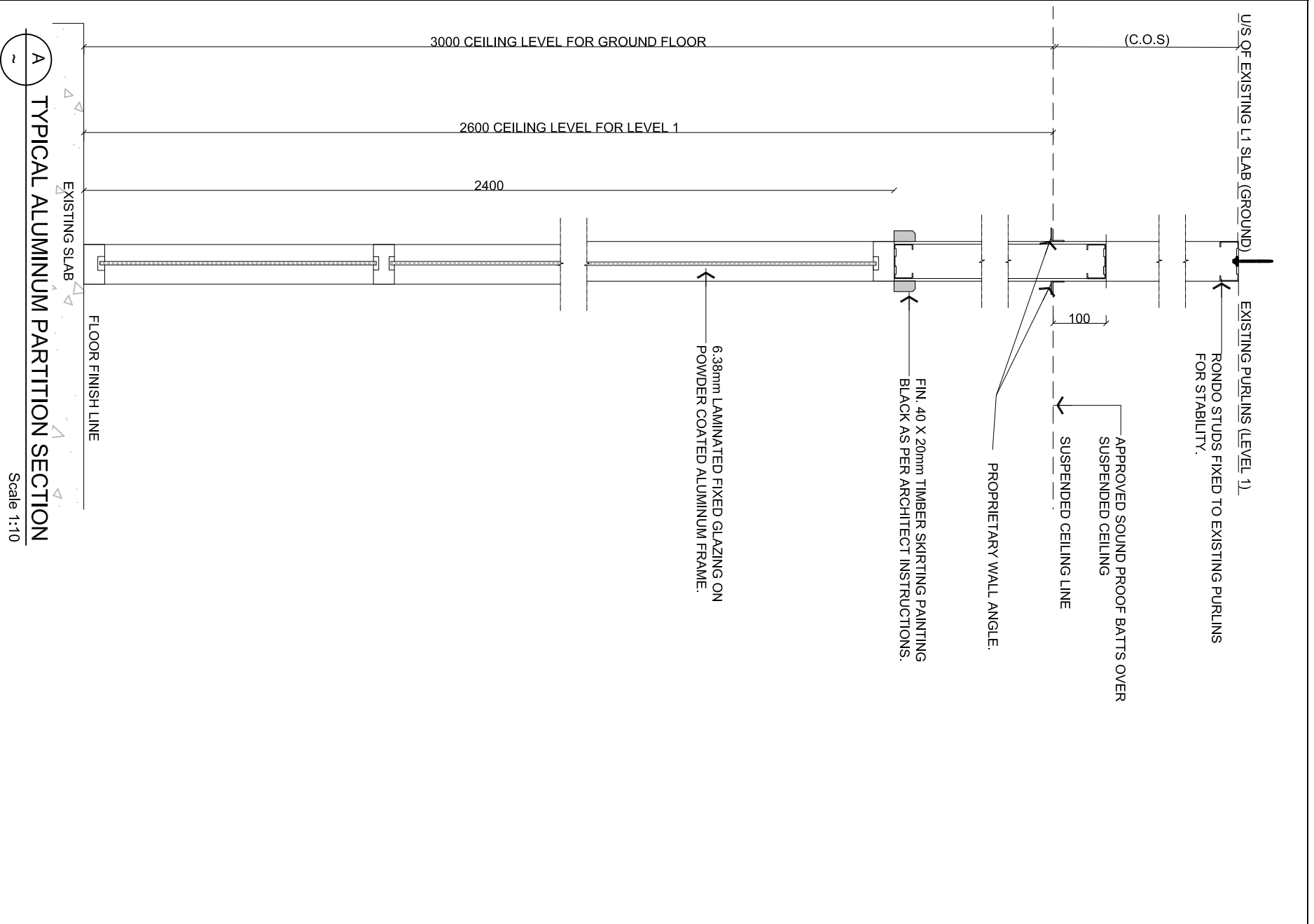
SHEET TITLE
PROPOSED LEVEL 1 REFLECTIVE CEILING PLAN

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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A TYPICAL ALUMINUM PARTITION SECTION
Scale 1:10

B TYPICAL TIMBER PARTITION SECTION
Scale 1:10

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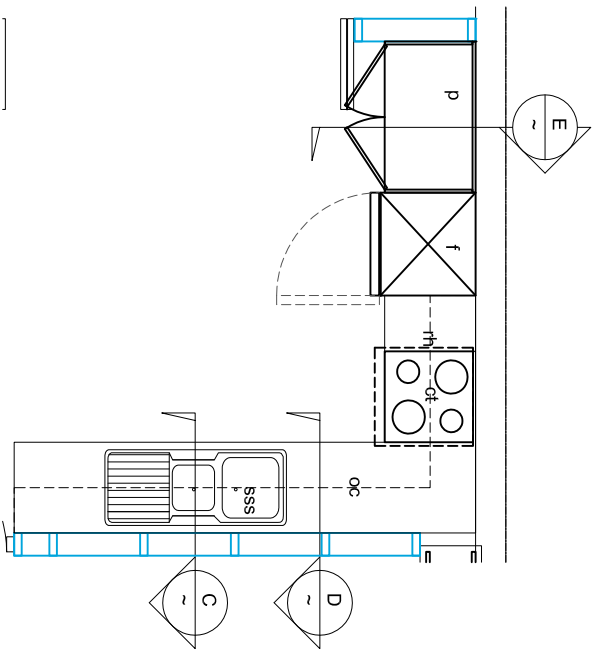
SHEET TITLE
TYPICAL PARTITION SECTIONS

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

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PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

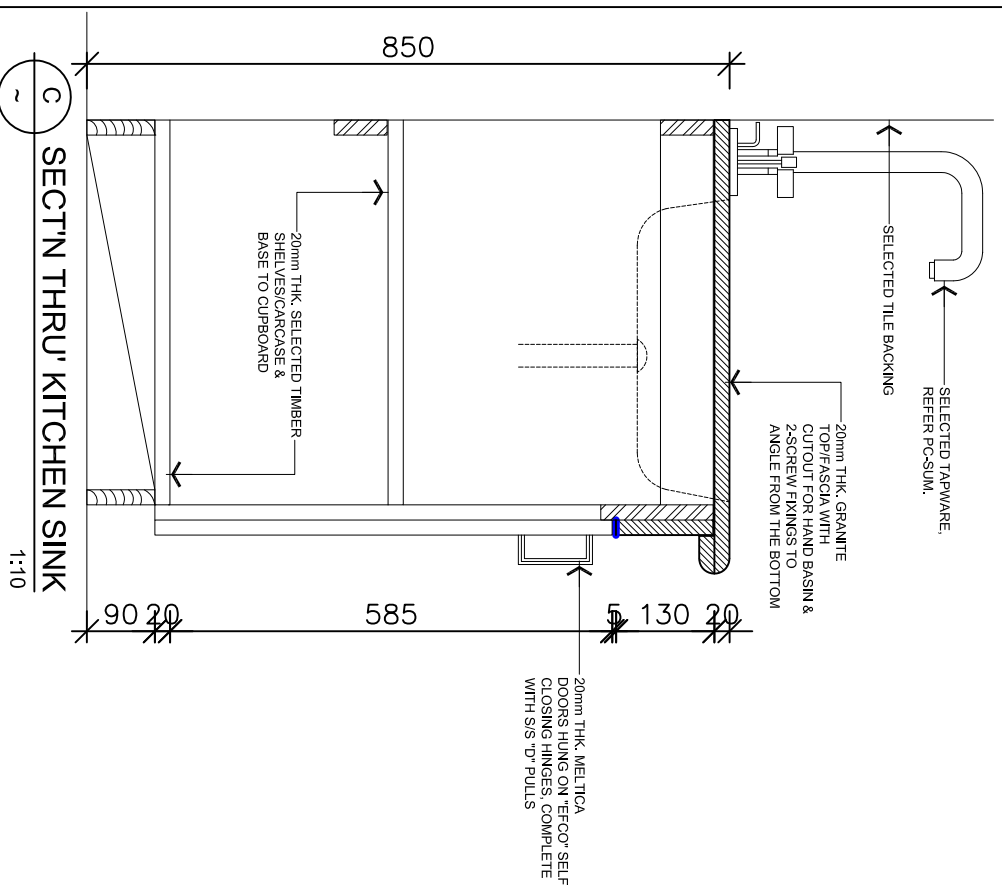
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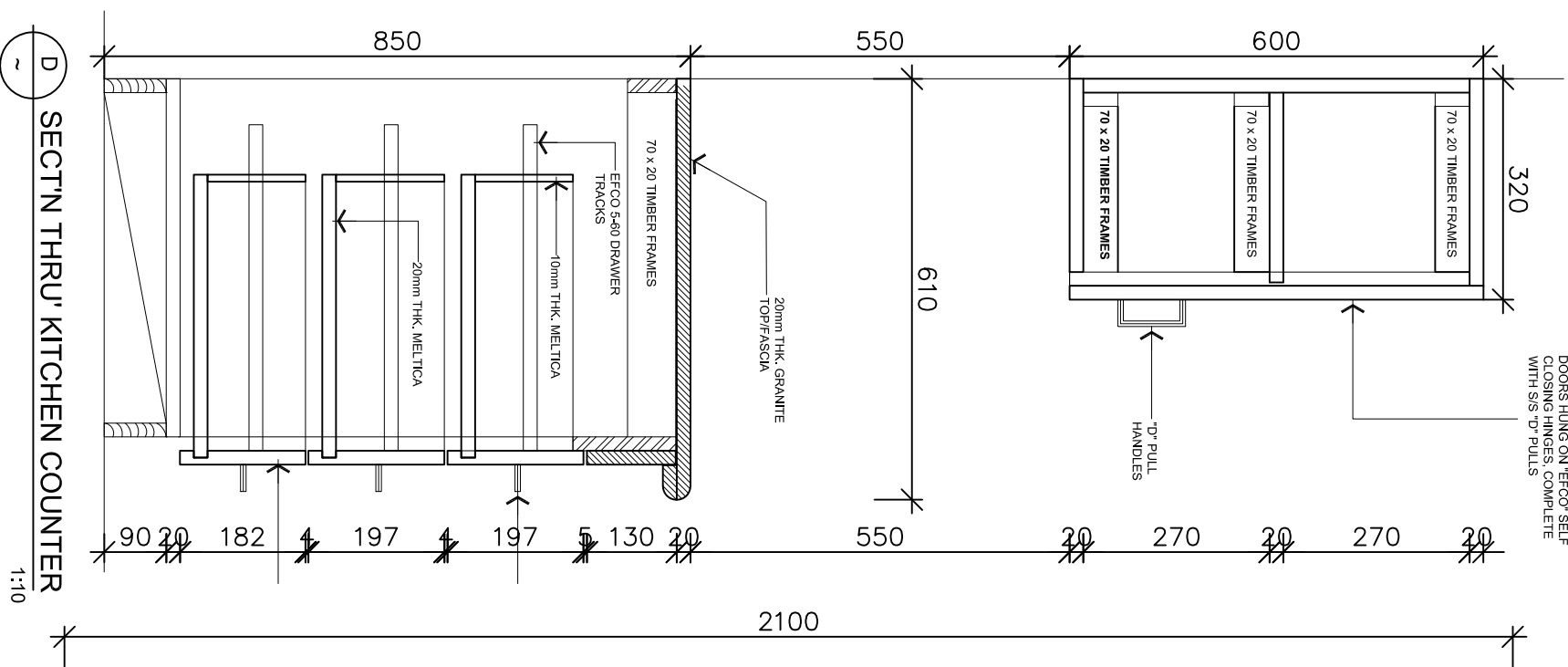


A KITCHEN LAYOUT
1:50

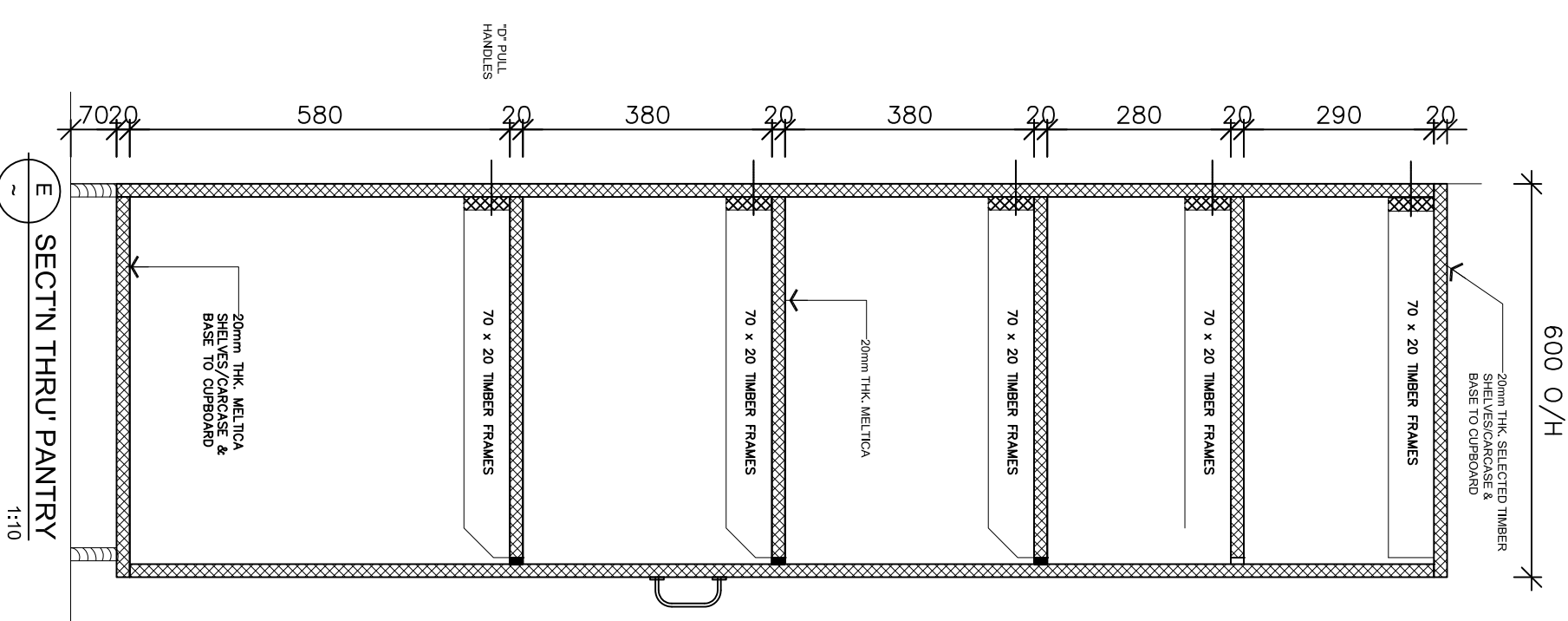
- SSS STAINLESS STEEL SINK
- f REFRIGERATOR
- ct COOK TOP
- oc OVER HEAD CUP BOARD
- whr WINE RACK
- fo FLUSH MOUNTED OVEN
- wr WARD ROBE



C SECT'N THRU' KITCHEN SINK
1:10



D SECT'N THRU' KITCHEN COUNTER
1:10



E SECT'N THRU' PANTRY
1:10

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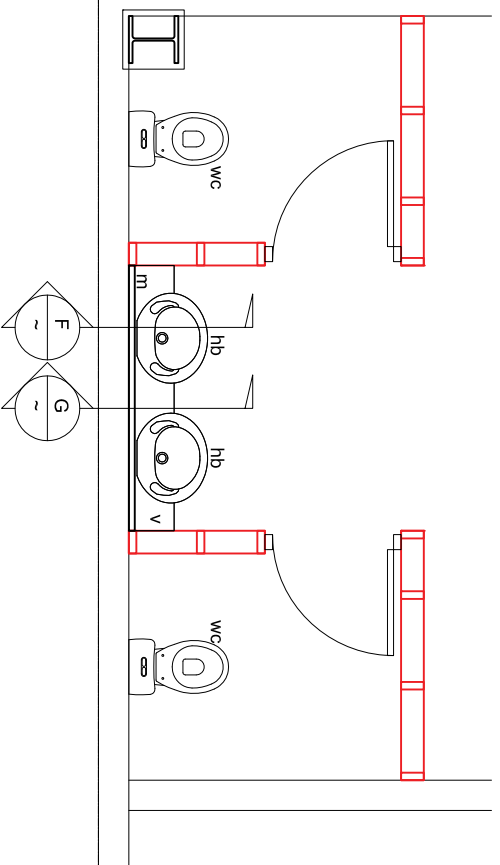
SHEET TITLE
JOINERY DETAILS

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

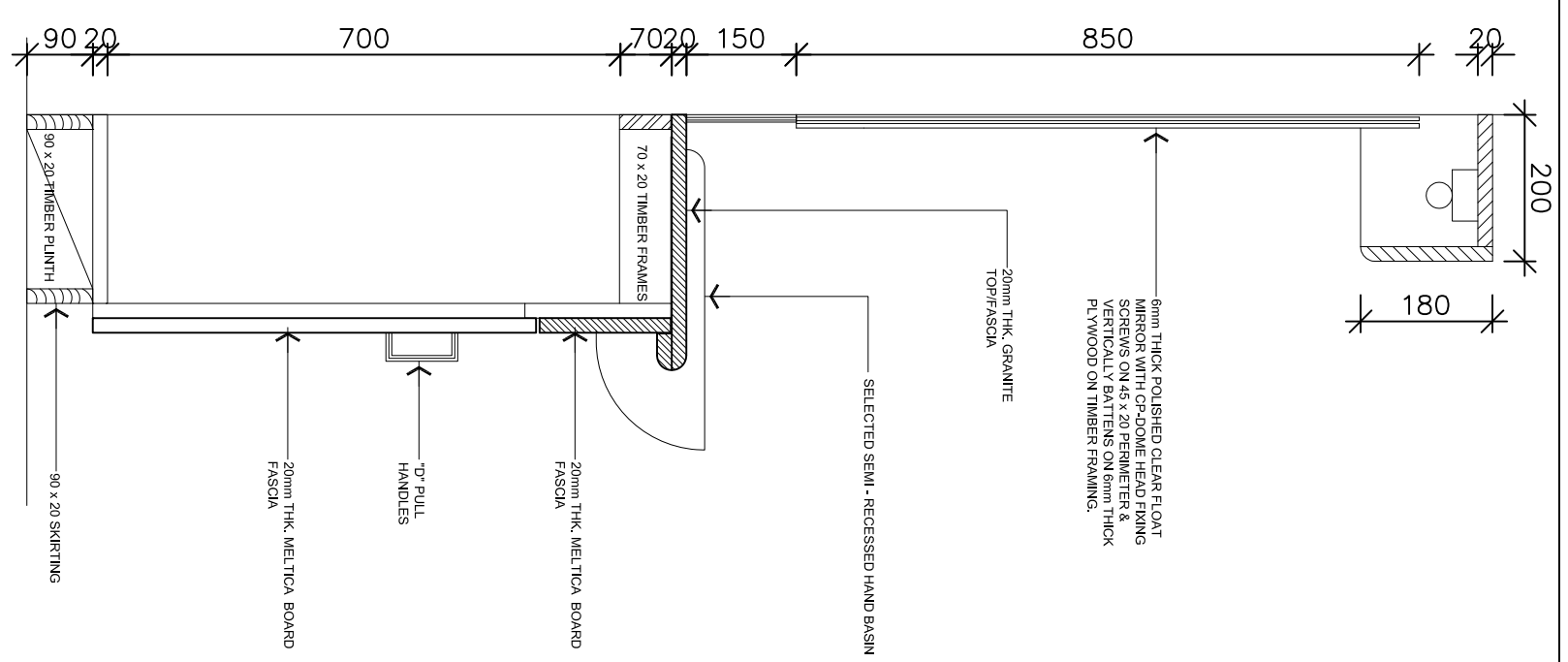
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DATE: 28 FEB 2025	Job No: 014
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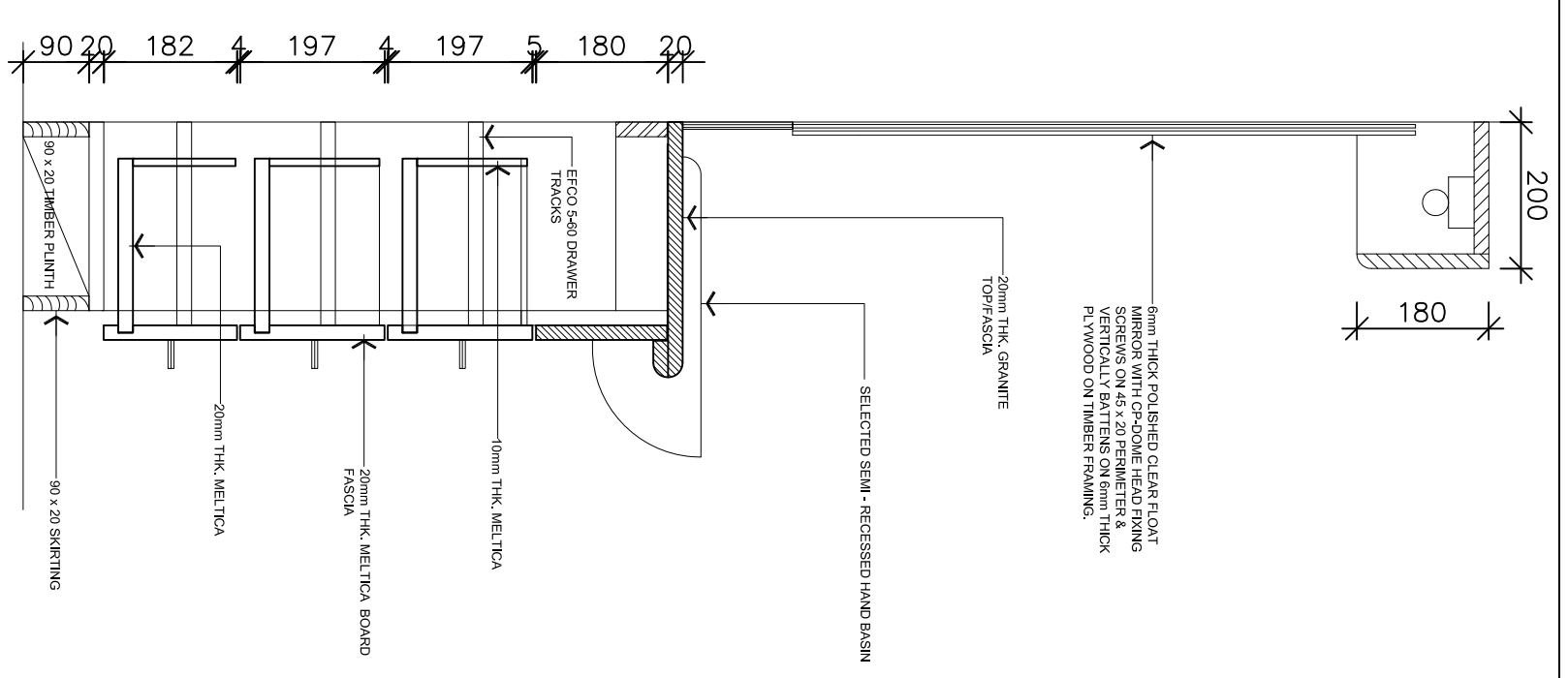


B TOILET & BATHROOM LAYOUT
1:50

wc WATER CLOSET
hb HAND BASIN
v VANITY
m MIRROR



F VANITY SECTION
1:10



G VANITY SECTION
1:10

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SHEET TITLE
JOINERY DETAILS

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

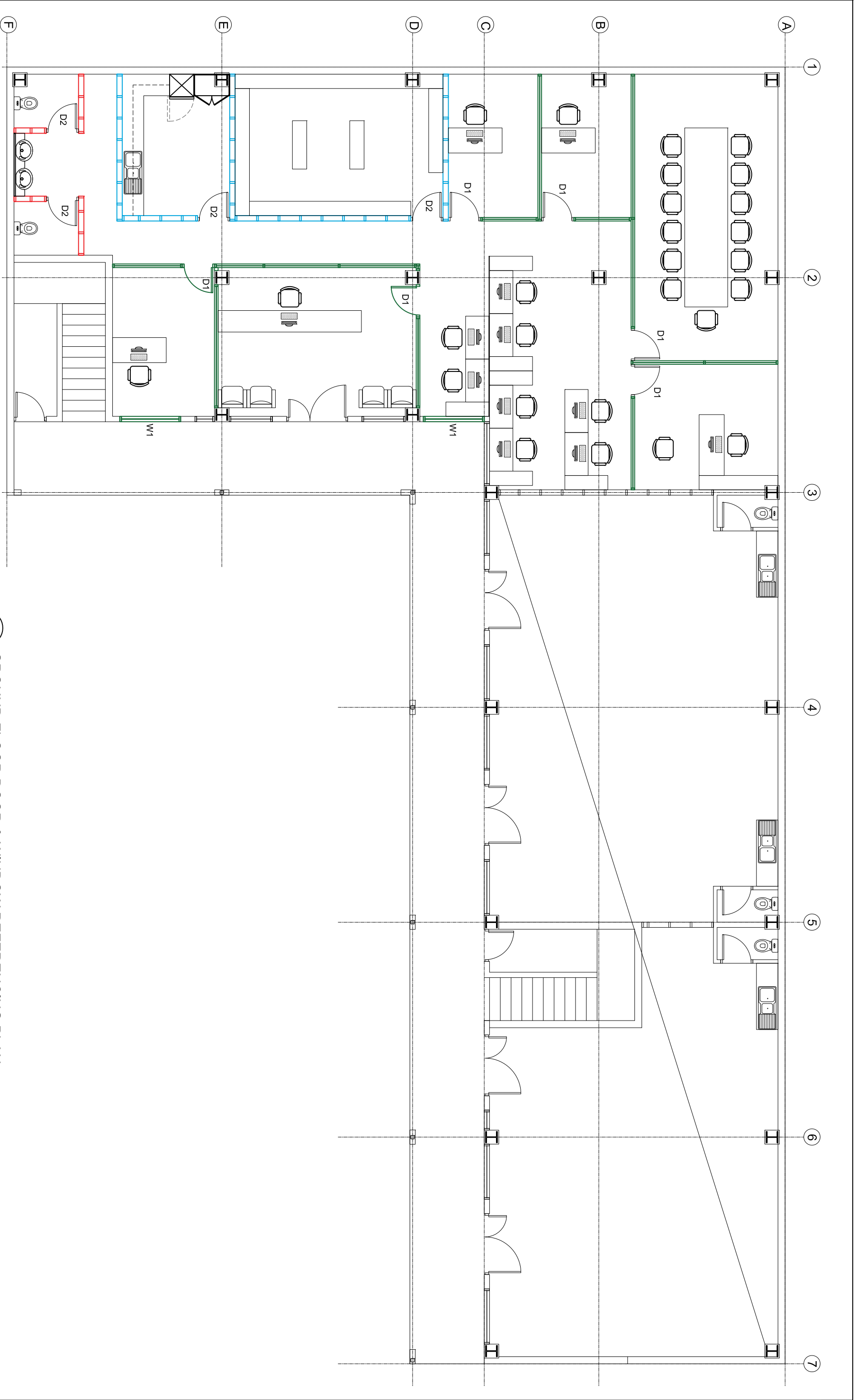
PROJECT
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DESIGN: **S.H.W**

Job No: **014**
Sheet No: **A11**

Rev	1		



9 GROUND FLOOR DOOR & WINDOW REFERENCING PLAN
Scale 1:100

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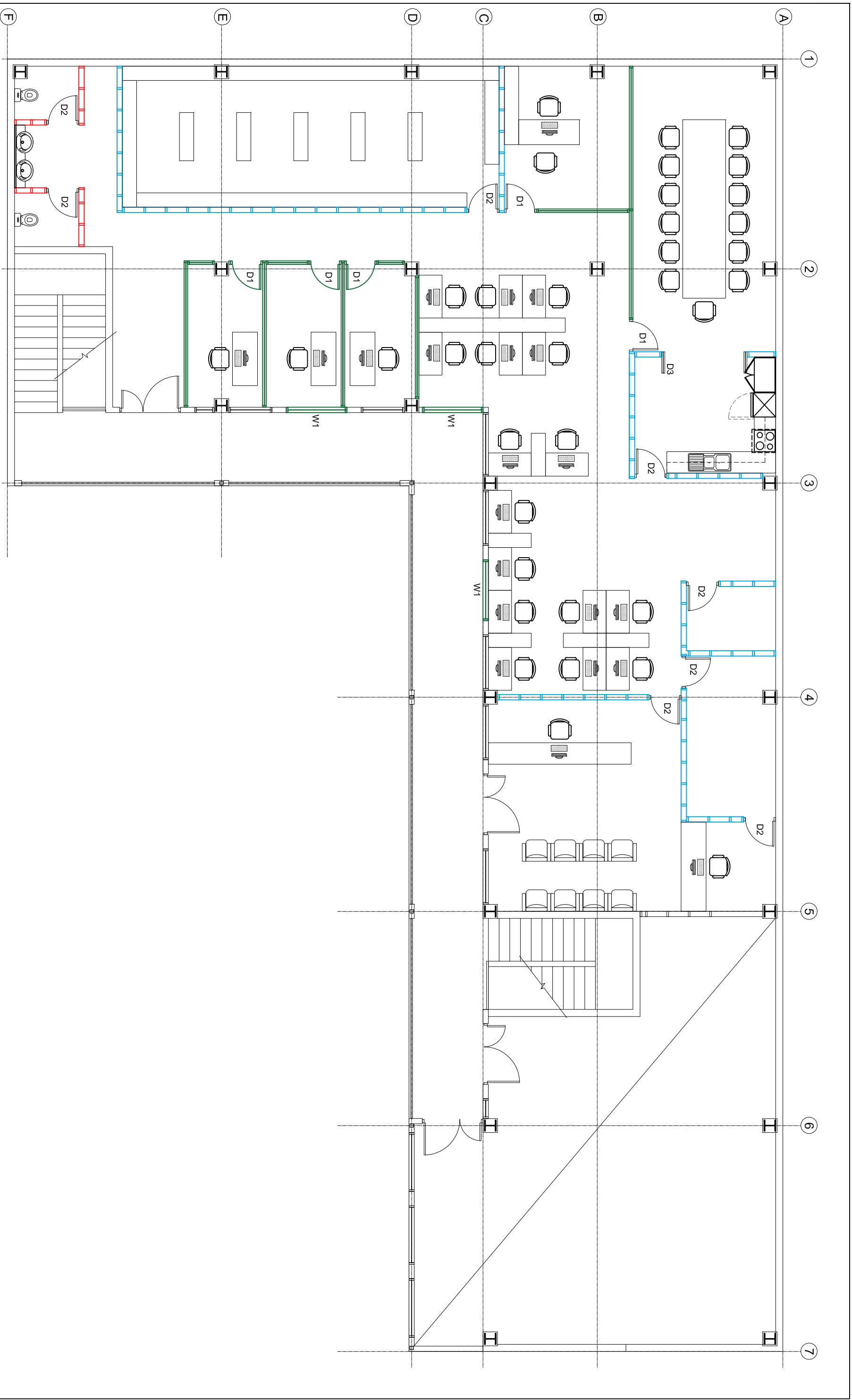
SHEET TITLE
GROUND FLOOR DOOR & WINDOW REFERENCING PLAN

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

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SHEET TITLE
GROUND FLOOR DOOR & WINDOW REFERENCING PLAN

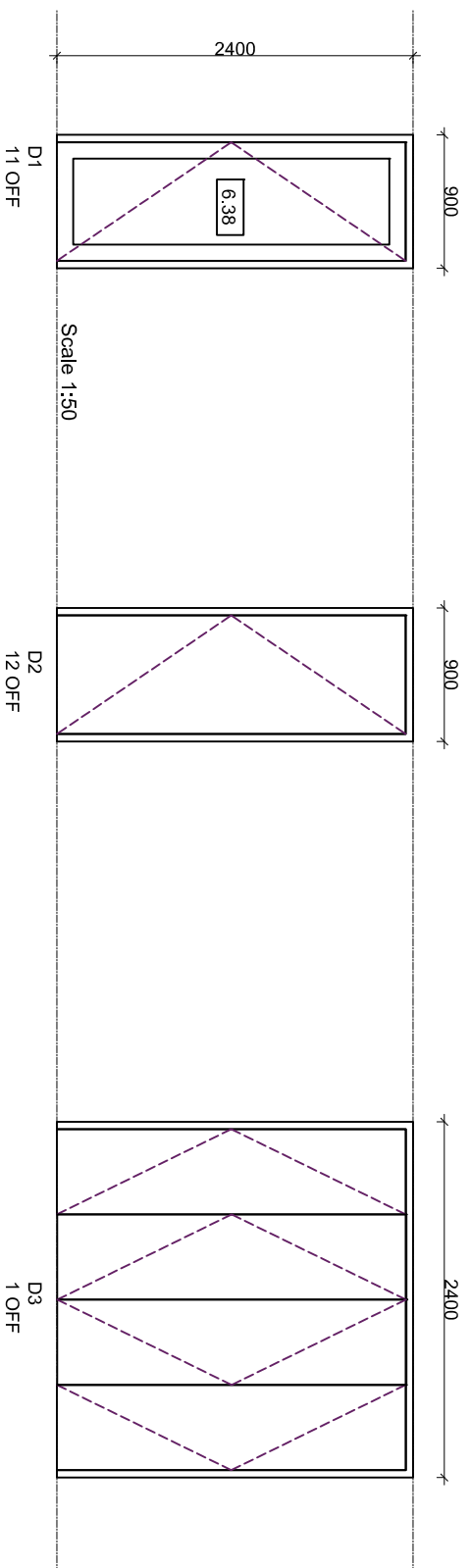
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2		
3		

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PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

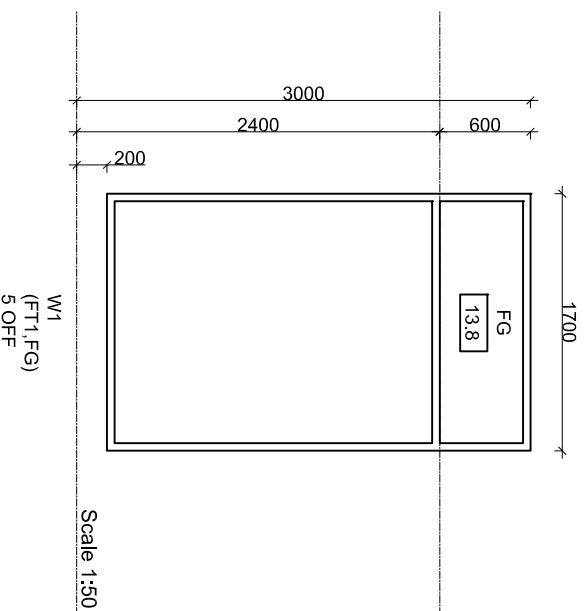
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Job No: 014
 Sheet No: DW2
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DOOR REF. #	D1	D2	D3
DOOR TYPE	Aluminum Door with 6.38mm laminated fixed glazing	Hollow Core Timber Door with 6mm exterior ply painted from both sides, painted as per draftsman instruction.	Hollow Core Timber Door with 6mm exterior ply painted from both sides, painted as per draftsman instruction.
DOOR FINISH	Natural Anodized Finish	Spray paint finish as approved by draftsman	Spray paint finish as approved by draftsman



FG FIXED GLASS - laminated clear glazing
 FT1 100mm aluminum frame with natural anodized finish
 13.8 13.8mm laminated fixed glazing

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SHEET TITLE
DOOR AND WINDOW SCHEDULE

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2		
3		

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DATE: 28 FEB 2025
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Job No: 014
 Sheet No: DW/3
 Rev 1

ELECTRICAL SERVICES DRAWINGS

Proposed Office Fitout For Taukei Land Trust Board At Santok Investment Building, Martintar, Nadi

DRAWING INDEX			
DWG. No.	DESCRIPTION	DATE	REVISION
E0	DRAWING INDEX	28.02.25	1
E1	GENERAL NOTES AND SYMBOLS	28.02.25	1
E2	PROPOSED LIGHTING SCHEDULE	28.02.25	1
E3	EXISTING GROUND FLOOR LAYOUT	28.02.25	1
E4	EXISTING FIRST FLOOR LAYOUT	28.02.25	1
E5	PROPOSED GROUND FLOOR POWER AND COMMUNICATIONS LAYOUT	28.02.25	1
E6	PROPOSED FIRST FLOOR POWER AND COMMUNICATIONS LAYOUT	28.02.25	1
E7	PROPOSED GROUND FLOOR REFLECTIVE CEILING LIGHTING LAYOUT	28.02.25	1
E8	PROPOSED FIRST FLOOR REFLECTIVE CEILING LIGHTING LAYOUT	28.02.25	1
E9	ELECTRICAL SERVICES DETAILS	28.02.25	1
E10	DISTRIBUTION BOARD GROUND FLOOR ELECTRICAL SCHEMATIC DIAGRAMS	28.02.25	1
E11	DISTRIBUTION BOARD FIRST FLOOR ELECTRICAL SCHEMATIC DIAGRAMS	28.02.25	1

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DRAWING INDEX		28 FEB 2025		014	
Rev	NOTES	SCALE:	AS SHOWN	Sheet No.:	E0
1	TENDER ISSUE	DRAWN:	S.H.W	Rev	1
2		DESIGN:	S.H.W		
3					

PROJECT
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GENERAL NOTES

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT'S DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT
- INSTALL EMERGENCY EXIT LIGHTS OVER DOORWAYS AND EGRESS POINTS OR IMMEDIATELY ON CEILING ABOVE TO CLEARLY INDICATE DIRECTION OF EXITS
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION WITH THE ELECTRICAL POWER SUPPLY AUTHORITY INCLUDING PERMITS, INSPECTIONS AND CERTIFICATIONS
- GENERAL Y: ALL CIRCUITS SHALL BE PROVIDED WITH 30mm RCD PROTECTION TO AS3000:2007 AND EFL REGULATIONS UNLESS NOTED OTHERWISE
- ELECTRICAL CONTRACTOR TO APPLY FOR AND HOLD A SINGLE SITE ELECTRICAL WORK PERMIT FOR ALL ELECTRICAL WORKS. ELECTRICAL WORKS BY OTHER CONTRACTORS SHALL BE SUPERVISED AND CHECKED BY THE ELECTRICAL CONTRACTOR
- CIRCUITS FOR THE FOLLOWING EQUIPMENT SHALL BE OF THE FIRE RATED TYPE AND WHERE SHOWN, SUPPLIED FROM ESSENTIAL SERVICES:
 - FIRE INDICATOR PANEL
 - LIFT PANEL
 - FIRE PUMPS
 - WATER PUMPS
 - SMOKE CONTROL FANS
 - ESSENTIAL EQUIPMENTS
- ELECTRICAL CONTRACTOR TO PROVIDE ALL CONDUITS AND CABLE DUCTING AS REQUIRED BY TELECOMMUNICATIONS, DATA, MATEV AND SECURITY SYSTEM WORKS DB TO ISOLATOR NEAR EQUIPMENTS
- ELECTRICAL CONTRACTOR TO SUPERVISE, SUPPLY, INSTALL AND COMMISSION ALL ELECTRICAL WORKS ASSOCIATED WITH THE MECHANICAL AND HYDRAULICS SERVICES CONTRACT
- ELECTRICAL CONTRACTOR SHALL INSTALL RESIDUAL CURRENT DEVICES CIRCUIT BREAKERS ON ALL DISTRIBUTION BOARDS FOR ALL CIRCUITS
- POSITION ALL FITTINGS, LIGHT AND POWER OUTLETS SHALL BE MARKED WITH CHALK FOR ENGINEERS APPROVAL PRIOR TO PERMANENT INSTALLATION
- BENDING RADIUS OF CABLE SHOULD BE NO LESS THAN 8 x OD SET IN POSITION AND 12 x OD DURING INSTALLATION

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
A	AMPERES, AMPS
AFFL	ABOVE FINISHED FLOOR LEVEL
ABT	ABOVE BENCH TOP
CP	CABLE PIT
DB	DISTRIBUTION BOARD
EM	EMERGENCY LIGHT FITTING
ELV	EXTRA-LOW VOLTAGE < 50VRMS A.C. OR 120V D.C.
FA	FROM ABOVE
FB	FROM BELOW
TA	TO ABOVE
TB	TO BELOW
FEA	FUJ ELECTRICITY AUTHORITY
GEN	GENERATOR
GPO	GENERAL PURPOSE OUTLET
LCP	LIGHTING CONTROL PANEL
HV/LT	HIGH VOLTAGE > 1000VRMS OR 1500V D.C.
LV/LT	LOW VOLTAGE ≥ 50 - < 1000VRMS OR 1500V D.C.
MS	MAIN SWITCH
MCB	MINIATURE CIRCUIT BREAKER
MCCB	MOULDED CASE CIRCUIT BREAKER
MDF	TELECOMMUNICATIONS MAIN DISTRIBUTION FRAME
MSB	MAIN ELECTRICAL SWITCHBOARD
N/A	NOT APPLICABLE
PP	PATCH PANEL
PVC/PVC	POLYVINYL CHLORIDE INSULATED/POLYVINYL CHLORIDE SHEATHED
RCB	RESIDUAL CURRENT BREAKER
SP	SINGLE POLE
TP	TRIPLE POLE
V	VOLTS
WP	WEATHERPROOF
XLP/PVC	CROSS-LINKED POLYETHYLENE CABLE INSULATION/POLYVINYL CHLORIDE SHEATHING

LINETYPES

DESCRIPTION	LINETYPE
ELECTRICAL 1V/OVERHEAD	— LV ——— LV ———
ELECTRICAL 1V/UNDERGROUND	— LV ——— LV ———
ELECTRICAL 1V/OVERHEAD	— HV ——— HV ———
ELECTRICAL 1V/UNDERGROUND	— HV ——— HV ———
ELECTRICAL 1V/OVERHEAD	— COMMS ———
ELECTRICAL 1V/UNDERGROUND	— COMMS ———
ELECTRICAL LIGHTING CIRCUIT CONNECTION	— — — — —
ELECTRICAL CIRCUIT CONNECTION	— — — — —

SCHEMATIC SYMBOLS

SYMBOL	DESCRIPTION
	PROTECTION FUSE, HRC, HIGH RAPTURING CAPACITY
	REVENUE METER
	GENERATOR CONTROL PANEL
	SYNCHRONIZING CONTROLLER
	ATS LOGIC CONTROLLER
	AUTOMATIC TRANSFER SWITCH
	GENERATOR
	STEP DOWN TRANSFORMER
	CIRCUIT BREAKER
	CIRCUIT BREAKER TP - TRIPLE POLE
	ISOLATOR SWITCH
	ISOLATOR SWITCH TP - TRIPLE POLE
	SINGLE PHASE
	THREE PHASE
	CURRENT TRANSFORMER
	SURGE DIVERTER
	DELAYED OPEN
	DELAYED CLOSE
	EARTHING/GROUNDING
	VOLTMETER
	AMPERES METER

POWER SYMBOLS

SYMBOL	DESCRIPTION
	MAIN SWITCHBOARD
	DISTRIBUTION BOARD
	MAIN DISTRIBUTION FRAME FOR TELECOMMUNICATION
	INTERMEDIATE FRAME FOR TELECOMMUNICATION
	DUAL TELEPHONE RJ45 OUTLET
	DUAL DATA RJ45 OUTLET
	TELEVISION OUTLET
	ONE WAY LIGHT SWITCH AT 1400
	TWO WAY LIGHT SWITCH AT 1400
	LIGHTING CONTROL PANEL AT 1400

POWER SYMBOLS

SYMBOL	DESCRIPTION
	SINGLE SWITCHED 10 AMP SOCKET OUTLET GENERALLY AT 300
	DOUBLE SWITCHED 10 AMP SOCKET OUTLET GENERALLY AT 300
	DOUBLE SWITCHED 10 AMP WEATHERPROOF SOCKET OUTLET GENERALLY AT 300
	SWITCHED 15 AMP SOCKET OUTLET GENERALLY AT 300
	SINGLE PHASE ISOLATOR, P
	SINGLE PHASE SOCKET OUTLET
	THREE PHASE SOCKET OUTLET
	THREE PHASE ISOLATOR, 3P
	THREE PHASE SOCKET OUTLET
	SUNSET SWITCH
	ELECTRICAL PIT/MANHOLE
	TELECOM PIT/MANHOLE
	FEEDER PILLAR

LIGHTING SYMBOLS

SYMBOL	DESCRIPTION
	CEILING FAN 52" DIAMETER BLADES, OR AS SHOWN
	FAN CONTROLLER
	DOWNLIGHT
	600mm SINGLE BATTEN LIGHT FITTING
	1200mm SINGLE BATTEN LIGHT FITTING
	1200mm DOUBLE BATTEN LIGHT FITTING
	1200mm SINGLE BATTEN EMERGENCY LIGHT FITTING
	1200mm SINGLE BATTEN STANDARD/EMERGENCY LIGHT FITTING - 1 STANDARD SWITCHED, 1 NON-MAINTAINED
	600 x 600 TROFFER LIGHT FITTING
	1200 x 300 TROFFER LIGHT FITTING
	1200 x 600 TROFFER LIGHT FITTING
	HIGH BAY LIGHT FITTING
	EMERGENCY LIGHT - NON-MAINTAINED CEILING MOUNTED
	WALL MOUNTED LIGHT FITTING
	FLOOD LIGHT
	POLE TOP LIGHT FITTING
	EXIT SIGN

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SHEET TITLE
GENERAL NOTES

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
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PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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DESIGN:	S.H.W		

LIGHT FITTING SCHEDULES

SYMBOL	LIGHT FITTINGS	DESCRIPTION	WATTS	PREFERRED MAKE / MODEL	LIGHT COLOUR	COMMENTS	IMAGE
	A	600 x 600 LED LIGHT PANEL	25.5	PHILIPS RC170B LED31S/SCCT PSU W60L60 AU G2	5000K	NEW LIGHT FITTING - 240VOLTS/50Hz POWER SUPPLY	
	B	1200 x 600 LED LIGHT PANEL	50	PHILIPS RC170B LED55S/SCCT PSU W60L120 AU G2	5000K	NEW LIGHT FITTING - 240VOLTS/50Hz POWER SUPPLY	
	C	1200 x 300 LED LIGHT PANEL	25.5	PHILIPS/ RC170B LED31S/SCCT PSU W30L120 AU G2	5000K	NEW LIGHT FITTING - 240VOLTS/50Hz POWER SUPPLY	
	D	LED CORELINE DOWNLIGHT GEN 5 WHITE REFLECTOR	20.5	PHILIPS DN142B 20S/840 PSD-E WR IPS4	4000K	NEW LIGHT FITTING - 240VOLTS/50Hz POWER SUPPLY	
	E	LED LUXSPACE RECESSED DOWNLIGHT HIGH-GLOSS REFLECTOR	20	PHILIPS DN570B LED24S/940H PSU-E C WH	4000K	NEW LIGHT FITTING - 240VOLTS/50Hz POWER SUPPLY	
	F	LED LUXSPACE RECESSED DOWNLIGHT HIGH-GLOSS REFLECTOR	9.2	PHILIPS DN570B LED12S/840 PSU-E C WH	4000K	NEW LIGHT FITTING - 240VOLTS/50Hz POWER SUPPLY	
	EM	LED EMERGENCY RECESSED PENDANT WITH 3 HOURS EMERGENCY LIGHTING	4	PHILIPS EM120B LED2S EL3 SELF-TEST WH	5000K	NEW LIGHT FITTING - 240VOLTS/50Hz POWER SUPPLY	
	EXIT	LED CEILING MOUNTED EXIT LIGHT WITH 2 HOURS EMERGENCY LIGHTING - MAINTAINED	4.6	PIERLITE STINGRAY 2 LED EXIT LIGHT STLED-L	-	NEW LIGHT FITTING - 240VOLTS/50Hz POWER SUPPLY	

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PROPOSED LIGHTING SCHEDULE

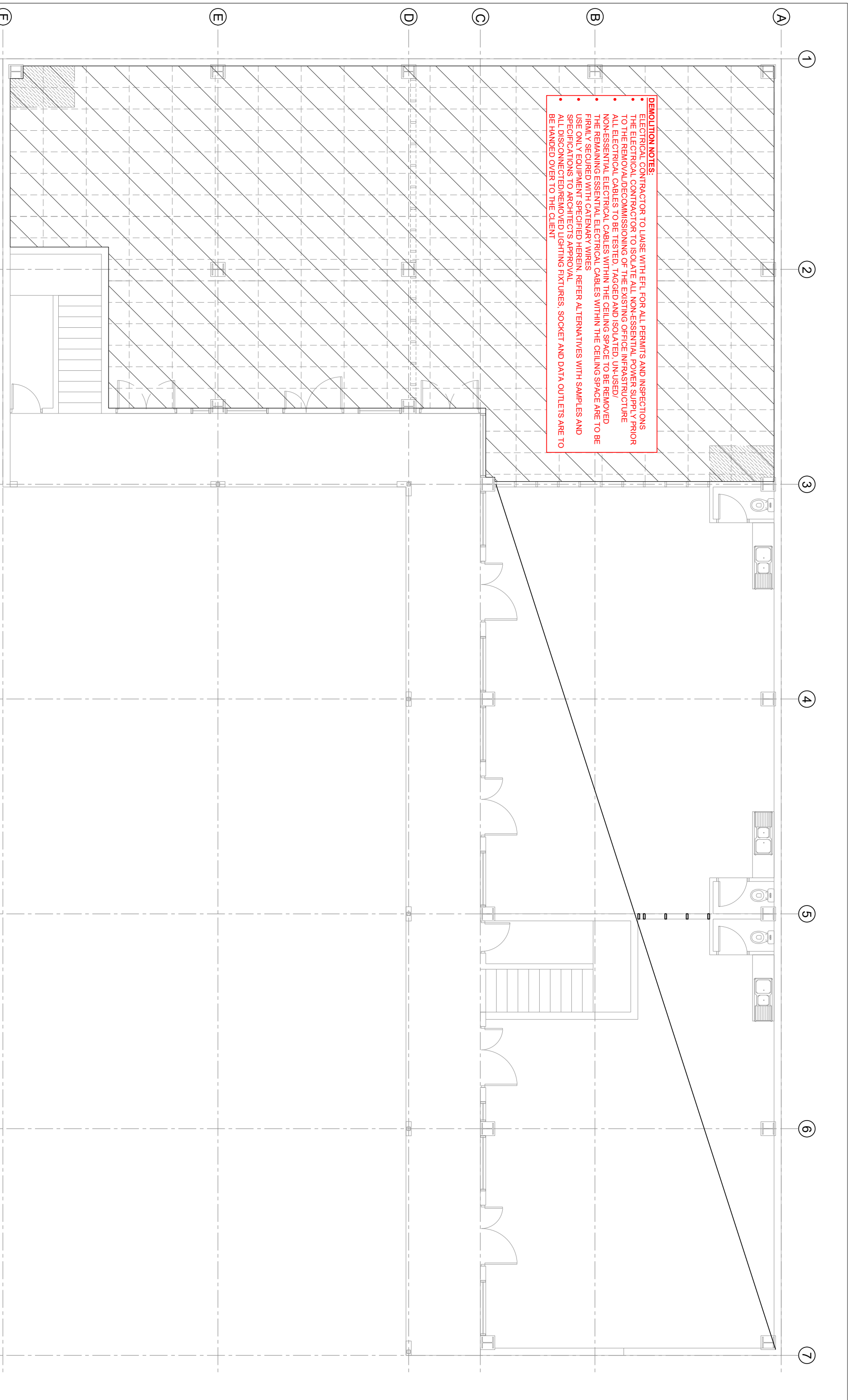
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2		
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PROJECT
**PROPOSED OFFICE FITOUT FOR TAUKEI
LAND TRUST BOARD AT SANTOK
INVESTMENT BUILDING, MARTINTAR,
NADI**

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DESIGN: S.H.W

Job No.: 014
Sheet No.: E2
Rev 1



DEMOLITION NOTES:

- ELECTRICAL CONTRACTOR TO LAISE WITH EFL FOR ALL PERMITS AND INSPECTIONS
- THE ELECTRICAL CONTRACTOR TO ISOLATE ALL NON-ESSENTIAL POWER SUPPLY PRIOR TO THE REMOVAL/DECOMMISSIONING OF THE EXISTING OFFICE INFRASTRUCTURE
- ALL ELECTRICAL CABLES TO BE TESTED, TAGGED AND ISOLATED, UN-USED/ NON-ESSENTIAL ELECTRICAL CABLES WITHIN THE CEILING SPACE TO BE REMOVED
- THE REMAINING ESSENTIAL ELECTRICAL CABLES WITHIN THE CEILING SPACE ARE TO BE FIRMLY SECURED WITH CATERMAY WIRES
- USE ONLY EQUIPMENT SPECIFIED HEREIN, REFER ALTERNATIVES WITH SAMPLES AND SPECIFICATIONS TO ARCHITECT'S APPROVAL
- ALL DISCONNECTED/REMOVED LIGHTING FIXTURES, SOCKET AND DATA OUTLETS ARE TO BE HANDED OVER TO THE CLIENT

1 EXISTING GROUND FLOOR LAYOUT
Scale 1:100

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SHEET TITLE
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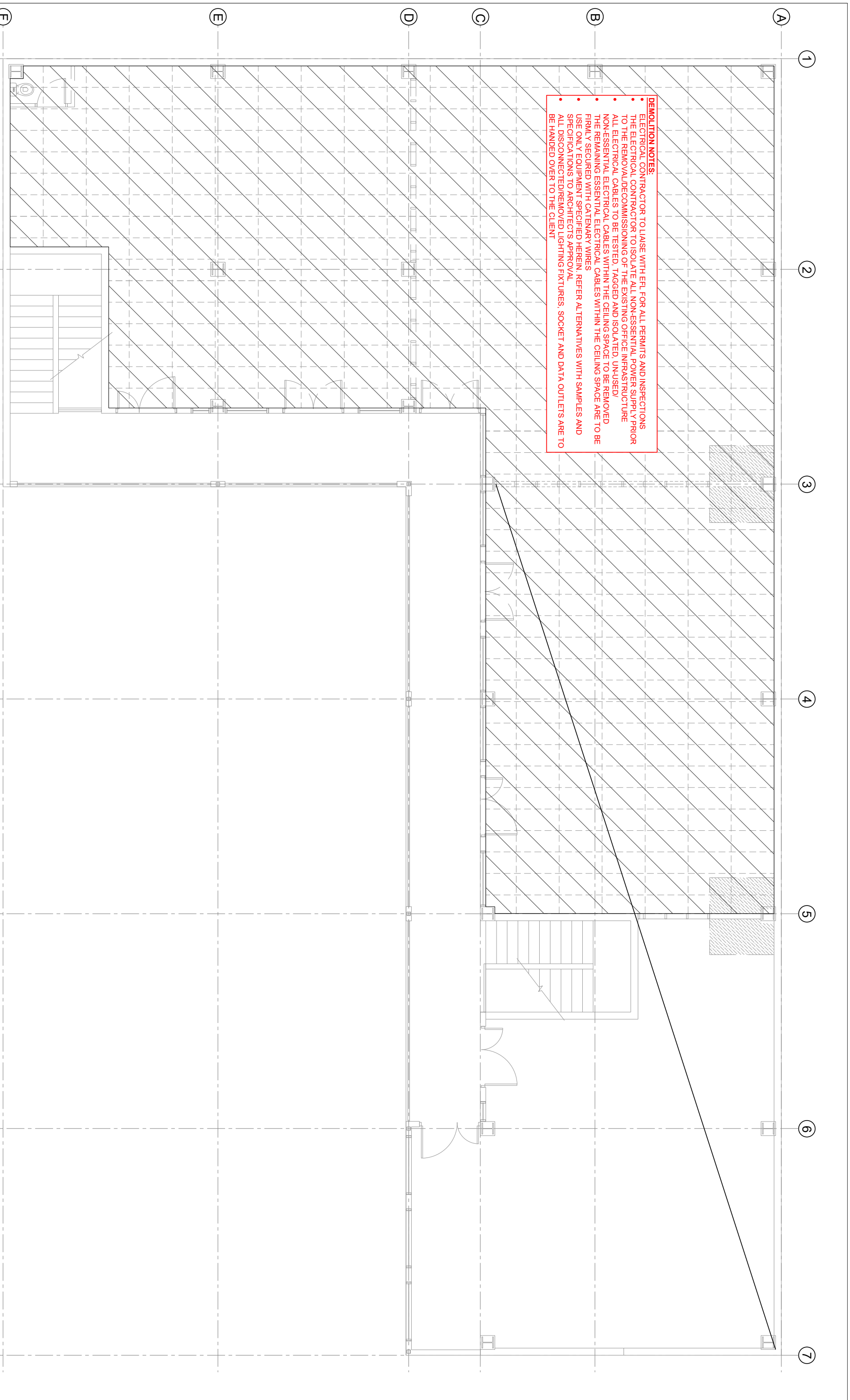
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2		
3		

PROJECT
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Job No.: 014
Sheet No.: E3
Rev 1



DEMOLITION NOTES:

- ELECTRICAL CONTRACTOR TO LAISE WITH EEL FOR ALL PERMITS AND INSPECTIONS
- THE ELECTRICAL CONTRACTOR TO ISOLATE ALL NON-ESSENTIAL POWER SUPPLY PRIOR TO THE REMOVAL/DECOMMISSIONING OF THE EXISTING OFFICE INFRASTRUCTURE
- ALL ELECTRICAL CABLES TO BE TESTED, TAGGED AND ISOLATED, UN-USED/ NON-ESSENTIAL ELECTRICAL CABLES WITHIN THE CEILING SPACE TO BE REMOVED
- THE REMAINING ESSENTIAL ELECTRICAL CABLES WITHIN THE CEILING SPACE ARE TO BE FIRMLY SECURED WITH CATENARY WIRES
- USE ONLY EQUIPMENT SPECIFIED HEREIN. REFER ALTERNATIVES WITH SAMPLES AND SPECIFICATIONS TO ARCHITECT'S APPROVAL
- ALL DISCONNECTED/REMOVED LIGHTING FIXTURES, SOCKET AND DATA OUTLETS ARE TO BE HANDED OVER TO THE CLIENT

2 EXISTING FIRST FLOOR LAYOUT
Scale 1:100

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SHEET TITLE
EXISTING FIRST FLOOR LAYOUT

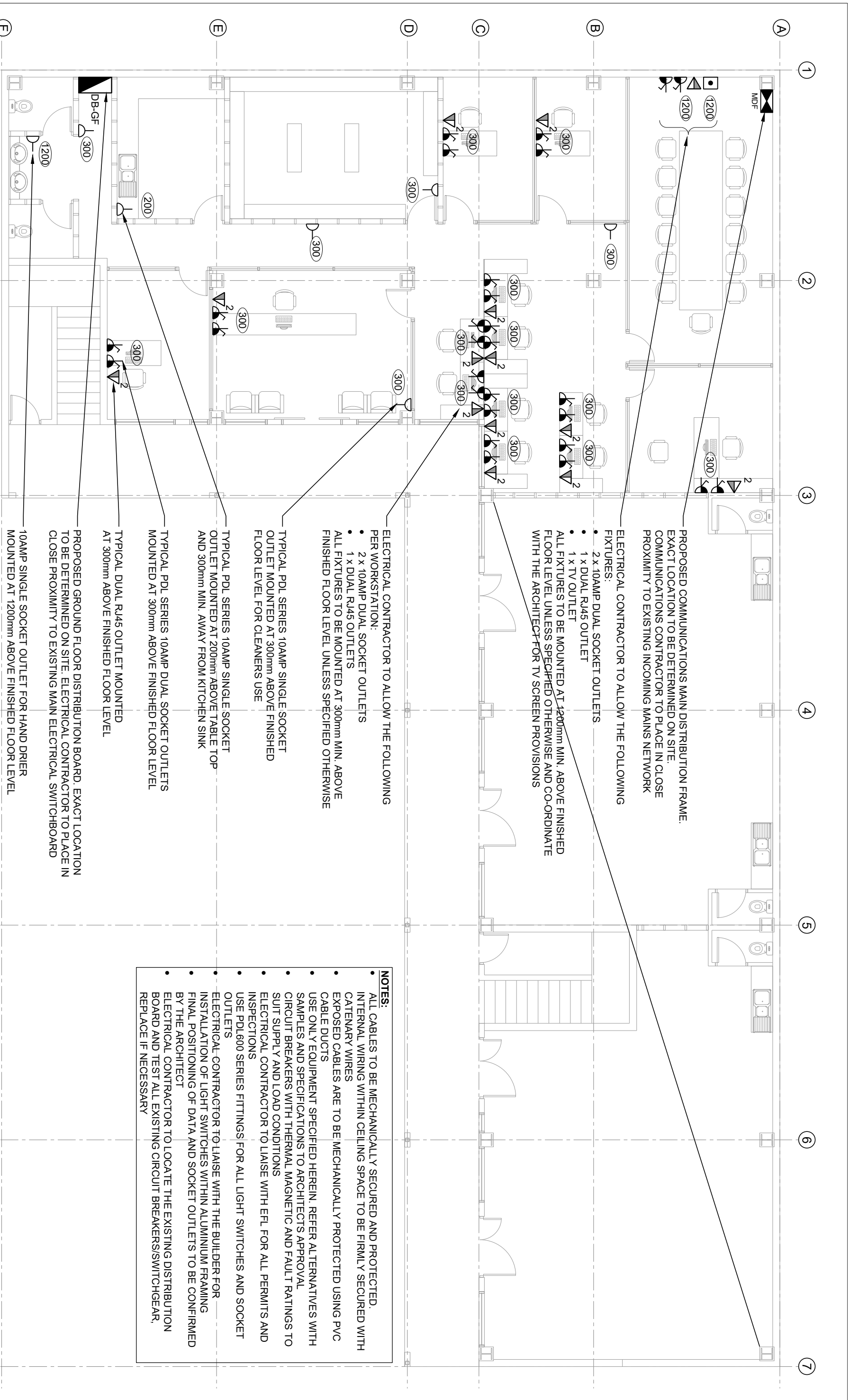
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PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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PROPOSED COMMUNICATIONS MAIN DISTRIBUTION FRAME.
EXACT LOCATION TO BE DETERMINED ON SITE.
COMMUNICATIONS CONTRACTOR TO PLACE IN CLOSE
PROXIMITY TO EXISTING INCOMING MAINS NETWORK

ELECTRICAL CONTRACTOR TO ALLOW THE FOLLOWING
FIXTURES:

- 2 x 10AMP DUAL SOCKET OUTLETS
- 1 x DUAL RJ45 OUTLET
- 1 x TV OUTLET

 ALL FIXTURES TO BE MOUNTED AT 1200mm MIN. ABOVE FINISHED
FLOOR LEVEL UNLESS SPECIFIED OTHERWISE AND CO-ORDINATE
WITH THE ARCHITECT FOR TV SCREEN PROVISIONS

ELECTRICAL CONTRACTOR TO ALLOW THE FOLLOWING
PER WORKSTATION:

- 2 x 10AMP DUAL SOCKET OUTLETS
- 1 x DUAL RJ45 OUTLETS

 ALL FIXTURES TO BE MOUNTED AT 300mm MIN. ABOVE
FINISHED FLOOR LEVEL UNLESS SPECIFIED OTHERWISE

TYPICAL PDL SERIES 10AMP SINGLE SOCKET
OUTLET MOUNTED AT 300mm ABOVE FINISHED
FLOOR LEVEL FOR CLEANERS USE

TYPICAL PDL SERIES 10AMP SINGLE SOCKET
OUTLET MOUNTED AT 200mm ABOVE TABLE TOP
AND 300mm MIN. AWAY FROM KITCHEN SINK

TYPICAL PDL SERIES 10AMP DUAL SOCKET OUTLETS
MOUNTED AT 300mm ABOVE FINISHED FLOOR LEVEL

TYPICAL DUAL RJ45 OUTLET MOUNTED
AT 300mm ABOVE FINISHED FLOOR LEVEL

PROPOSED GROUND FLOOR DISTRIBUTION BOARD. EXACT LOCATION
TO BE DETERMINED ON SITE. ELECTRICAL CONTRACTOR TO PLACE IN
CLOSE PROXIMITY TO EXISTING MAIN ELECTRICAL SWITCHBOARD

10AMP SINGLE SOCKET OUTLET FOR HAND DRIER
MOUNTED AT 1200mm ABOVE FINISHED FLOOR LEVEL

NOTES:

- ALL CABLES TO BE MECHANICALLY SECURED AND PROTECTED.
INTERNAL WIRING WITHIN CEILING SPACE TO BE FIRMLY SECURED WITH
CATENARY WIRES
- EXPOSED CABLES ARE TO BE MECHANICALLY PROTECTED USING PVC
CABLE DUCTS
- USE ONLY EQUIPMENT SPECIFIED HEREIN. REFER ALTERNATIVES WITH
SAMPLES AND SPECIFICATIONS TO ARCHITECTS APPROVAL
- CIRCUIT BREAKERS WITH THERMAL MAGNETIC AND FAULT RATINGS TO
SUIT SUPPLY AND LOAD CONDITIONS
- ELECTRICAL CONTRACTOR TO LAISE WITH EFL FOR ALL PERMITS AND
INSPECTIONS
- USE PDL600 SERIES FITTINGS FOR ALL LIGHT SWITCHES AND SOCKET
OUTLETS
- ELECTRICAL CONTRACTOR TO LAISE WITH THE BUILDER FOR
INSTALLATION OF LIGHT SWITCHES WITHIN ALUMINIUM FRAMING
- FINAL POSITIONING OF DATA AND SOCKET OUTLETS TO BE CONFIRMED
BY THE ARCHITECT
- ELECTRICAL CONTRACTOR TO LOCATE THE EXISTING DISTRIBUTION
BOARD AND TEST ALL EXISTING CIRCUIT BREAKERS/SWITCHGEAR,
REPLACE IF NECESSARY

3 PROPOSED GROUND FLOOR POWER AND COMMUNICATIONS LAYOUT

Scale 1:100

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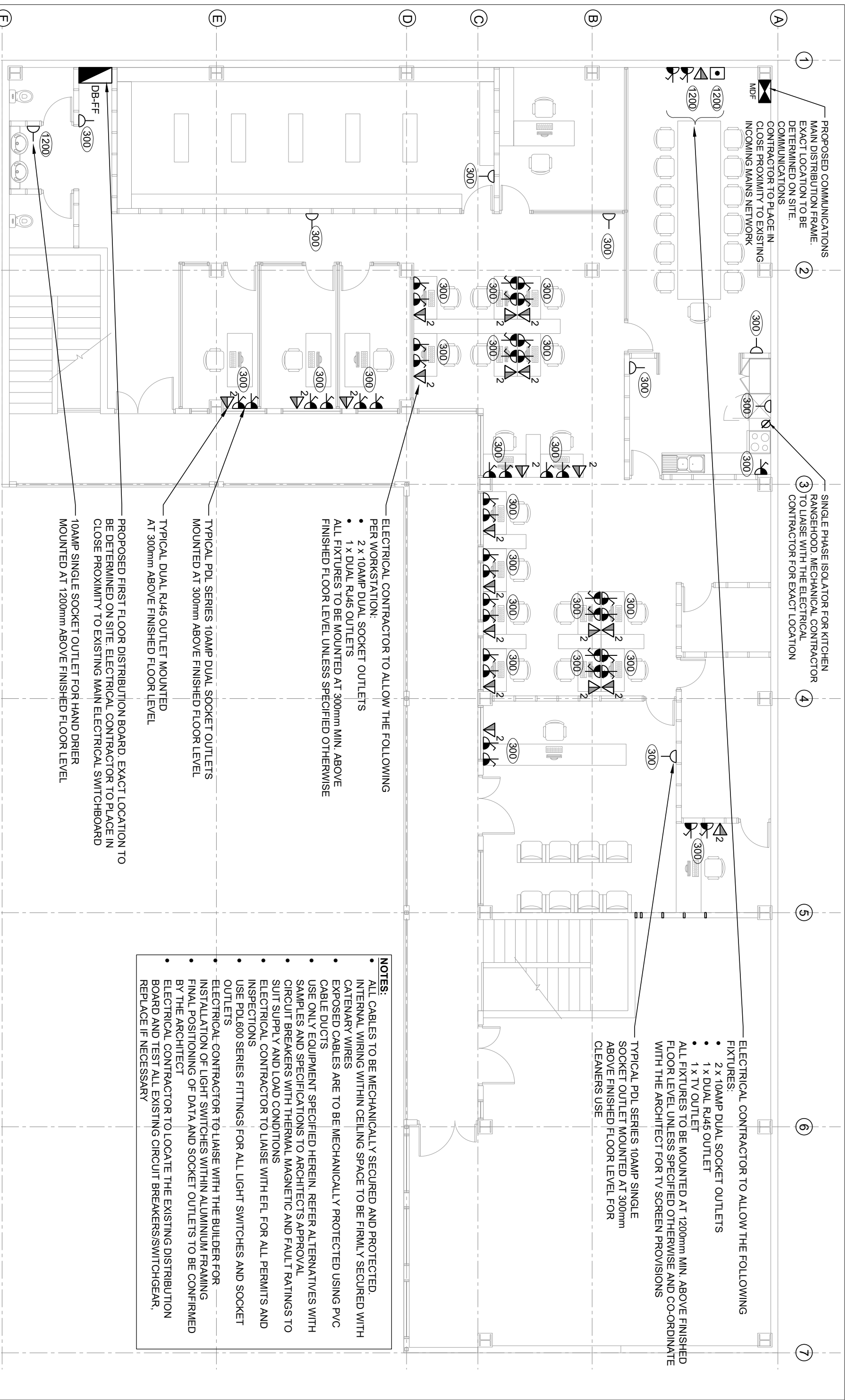
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**PROPOSED GROUND FLOOR
POWER AND COMMUNICATIONS
LAYOUT**

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2		
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PROJECT
**PROPOSED OFFICE FITOUT FOR TAUKEI
LAND TRUST BOARD AT SANTOK
INVESTMENT BUILDING, MARTINTAR,
NADI**

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4 PROPOSED FIRST FLOOR POWER AND COMMUNICATIONS LAYOUT

Scale 1:100

- PROPOSED FIRST FLOOR DISTRIBUTION BOARD. EXACT LOCATION TO BE DETERMINED ON SITE. ELECTRICAL CONTRACTOR TO PLACE IN CLOSE PROXIMITY TO EXISTING MAIN ELECTRICAL SWITCHBOARD
- 10AMP SINGLE SOCKET OUTLET FOR HAND DRIER MOUNTED AT 1200mm ABOVE FINISHED FLOOR LEVEL
- TYPICAL PDL SERIES 10AMP DUAL SOCKET OUTLETS MOUNTED AT 300mm ABOVE FINISHED FLOOR LEVEL
- TYPICAL PDL SERIES 10AMP DUAL SOCKET OUTLETS MOUNTED AT 300mm ABOVE FINISHED FLOOR LEVEL
- TYPICAL DUAL RJ45 OUTLET MOUNTED AT 300mm ABOVE FINISHED FLOOR LEVEL

NOTES:

- ALL CABLES TO BE MECHANICALLY SECURED AND PROTECTED. INTERNAL WIRING WITHIN CEILING SPACE TO BE FIRMLY SECURED WITH CATENARY WIRES
- EXPOSED CABLES ARE TO BE MECHANICALLY PROTECTED USING PVC CABLE DUCTS
- USE ONLY EQUIPMENT SPECIFIED HEREIN. REFER ALTERNATIVES WITH SAMPLES AND SPECIFICATIONS TO ARCHITECT'S APPROVAL
- CIRCUIT BREAKERS WITH THERMAL MAGNETIC AND FAULT RATINGS TO SUIT SUPPLY AND LOAD CONDITIONS
- ELECTRICAL CONTRACTOR TO LIAISE WITH EFL FOR ALL PERMITS AND INSPECTIONS
- USE PDL600 SERIES FITTINGS FOR ALL LIGHT SWITCHES AND SOCKET OUTLETS
- ELECTRICAL CONTRACTOR TO LIAISE WITH THE BUILDER FOR INSTALLATION OF LIGHT SWITCHES WITHIN ALUMINIUM FRAMING
- FINAL POSITIONING OF DATA AND SOCKET OUTLETS TO BE CONFIRMED BY THE ARCHITECT
- ELECTRICAL CONTRACTOR TO LOCATE THE EXISTING DISTRIBUTION BOARD AND TEST ALL EXISTING CIRCUIT BREAKERS/SWITCHGEAR, REPLACE IF NECESSARY

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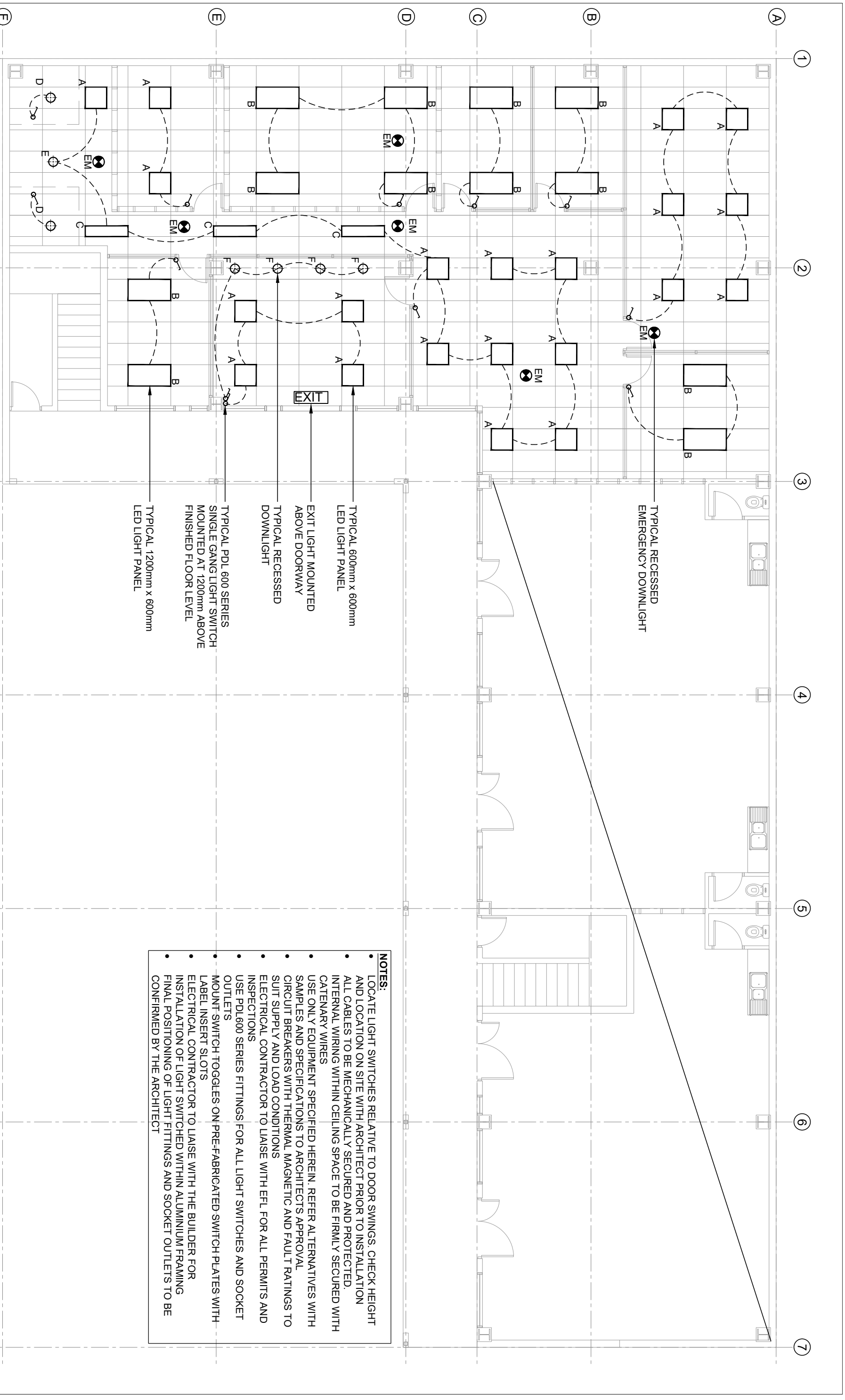
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PROPOSED FIRST FLOOR POWER AND COMMUNICATIONS LAYOUT

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2		
3		

PROJECT
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NOTES:

- LOCATE LIGHT SWITCHES RELATIVE TO DOOR SWINGS. CHECK HEIGHT AND LOCATION ON SITE WITH ARCHITECT PRIOR TO INSTALLATION
- ALL CABLES TO BE MECHANICALLY SECURED AND PROTECTED. INTERNAL WIRING WITHIN CEILING SPACE TO BE FIRMLY SECURED WITH CATENARY WIRES
- USE ONLY EQUIPMENT SPECIFIED HEREIN. REFER ALTERNATIVES WITH SAMPLES AND SPECIFICATIONS TO ARCHITECTS APPROVAL
- CIRCUIT BREAKERS WITH THERMAL MAGNETIC AND FAULT RATINGS TO SUIT SUPPLY AND LOAD CONDITIONS
- ELECTRICAL CONTRACTOR TO LAISE WITH EFL FOR ALL PERMITS AND INSPECTIONS
- USE PDL600 SERIES FITTINGS FOR ALL LIGHT SWITCHES AND SOCKET OUTLETS
- MOUNT SWITCH TOGGLES ON PRE-FABRICATED SWITCH PLATES WITH LABEL INSERT SLOTS
- ELECTRICAL CONTRACTOR TO LAISE WITH THE BUILDER FOR INSTALLATION OF LIGHT SWITCHED WITHIN ALUMINIUM FRAMING
- FINAL POSITIONING OF LIGHT FITTINGS AND SOCKET OUTLETS TO BE CONFIRMED BY THE ARCHITECT

TYPICAL GANG PDL 600 SERIES SINGLE GANG LIGHT SWITCH MOUNTED AT 1200mm ABOVE FINISHED FLOOR LEVEL

TYPICAL 600mm x 600mm LED LIGHT PANEL

EXIT LIGHT MOUNTED ABOVE DOORWAY

TYPICAL RECESSED DOWNLIGHT

TYPICAL PDL 600 SERIES SINGLE GANG LIGHT SWITCH MOUNTED AT 1200mm ABOVE FINISHED FLOOR LEVEL

TYPICAL 1200mm x 600mm LED LIGHT PANEL

TYPICAL RECESSED EMERGENCY DOWNLIGHT

5 PROPOSED GROUND FLOOR REFLECTIVE CEILING LIGHTING LAYOUT

Scale 1:100

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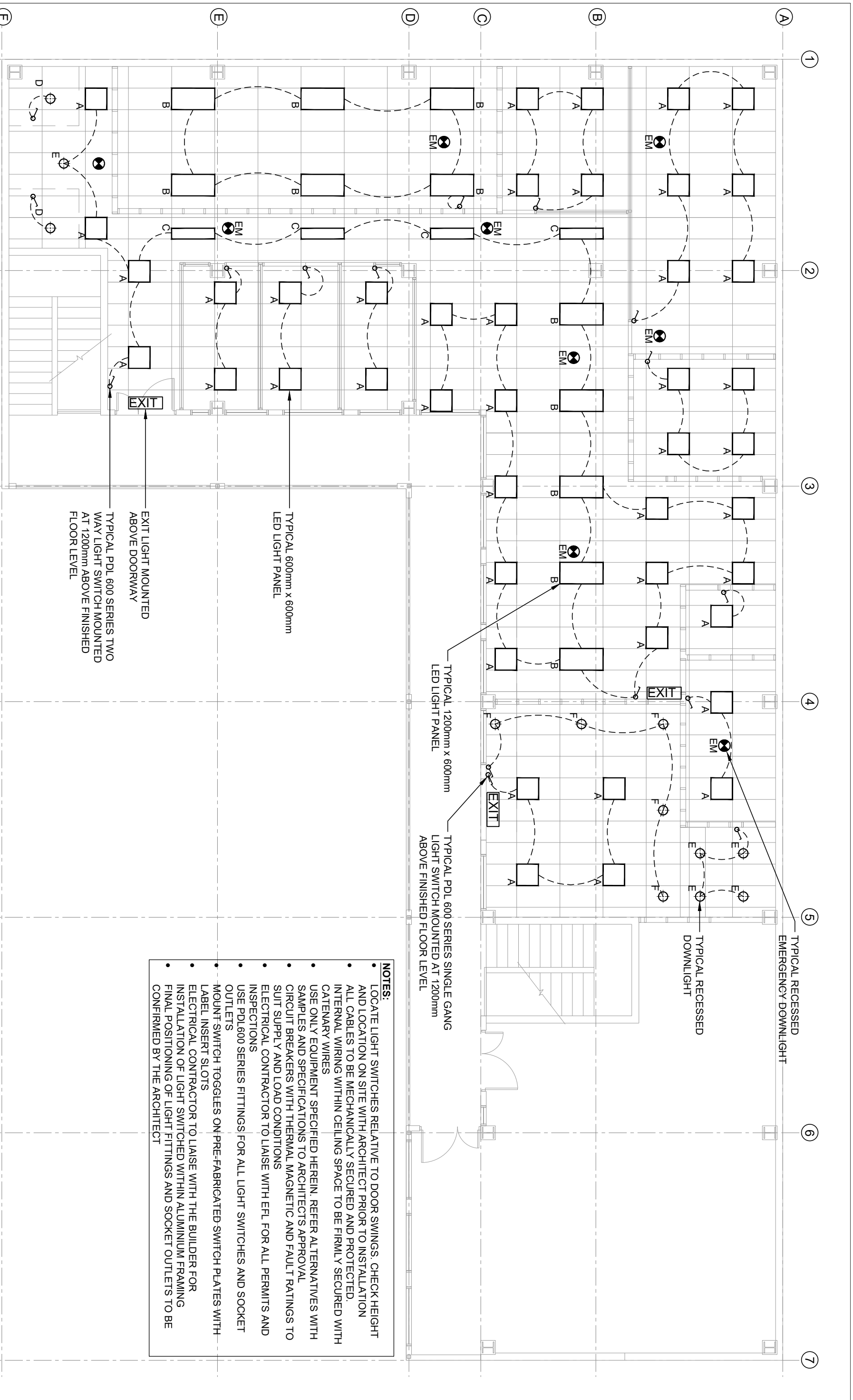
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PROPOSED FIRST FLOOR REFLECTIVE CEILING LIGHTING LAYOUT

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6 PROPOSED FIRST FLOOR REFLECTIVE CEILING LIGHTING LAYOUT

Scale 1:100

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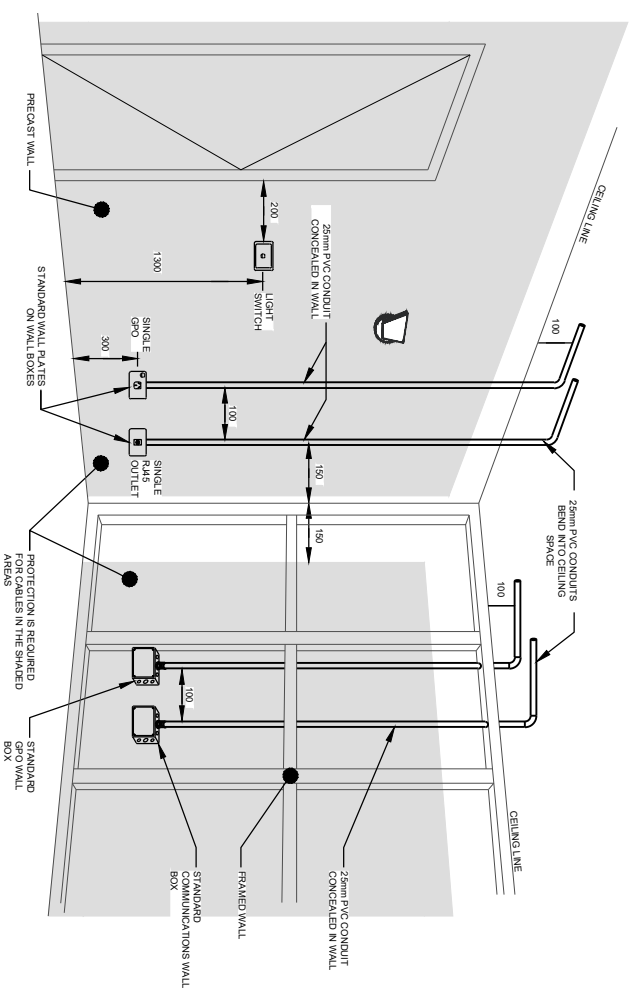
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PROPOSED FIRST FLOOR REFLECTIVE CEILING LIGHTING LAYOUT

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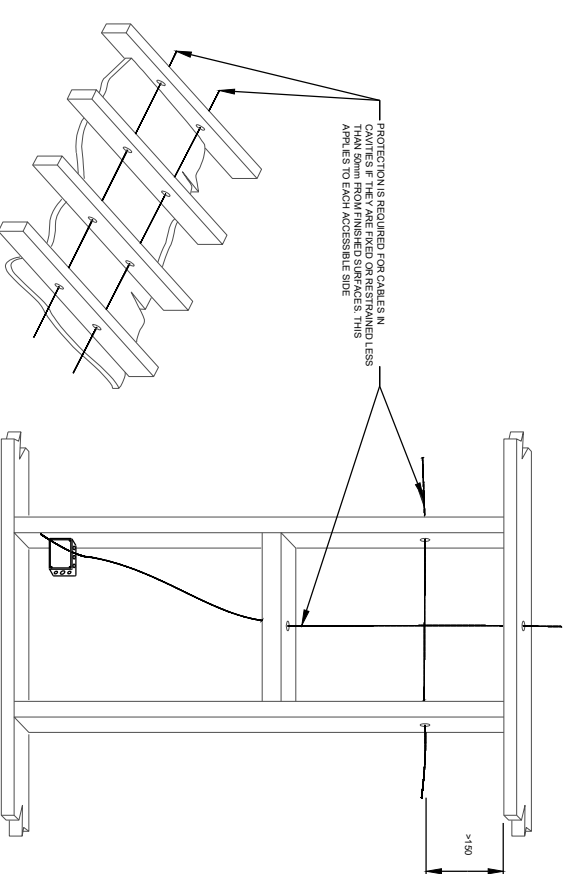
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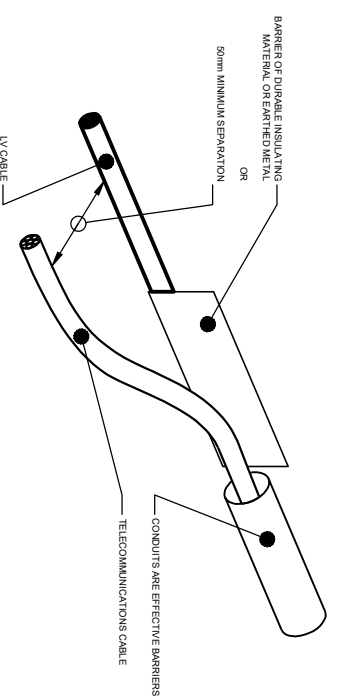
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7 PROTECTION OF WIRING SYSTEMS WITHIN WALL SPACES
Scale N.T.S



8 PROTECTION OF WIRING SYSTEMS WITHIN CEILINGS, FLOORS AND WALL SPACES
Scale N.T.S



9 SEPARATION OF LOW VOLTAGE CABLES AND TELECOMMUNICATIONS CABLES ON SURFACES OR CONCEALED IN FLOORS OR CEILINGS
Scale N.T.S

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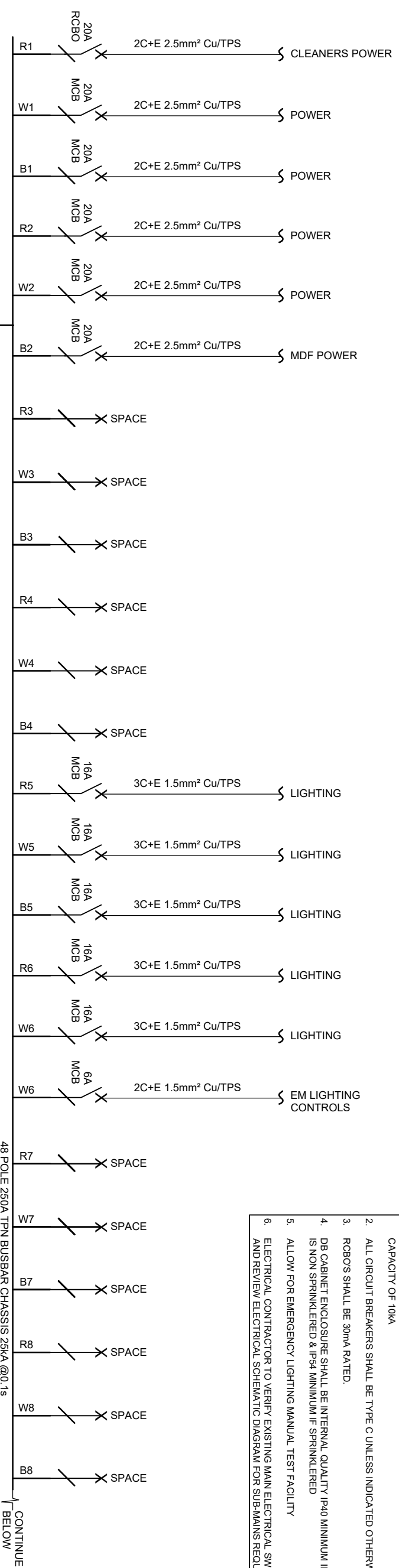
SHEET TITLE
PROPOSED FIRST FLOOR REFLECTIVE CEILING LIGHTING LAYOUT

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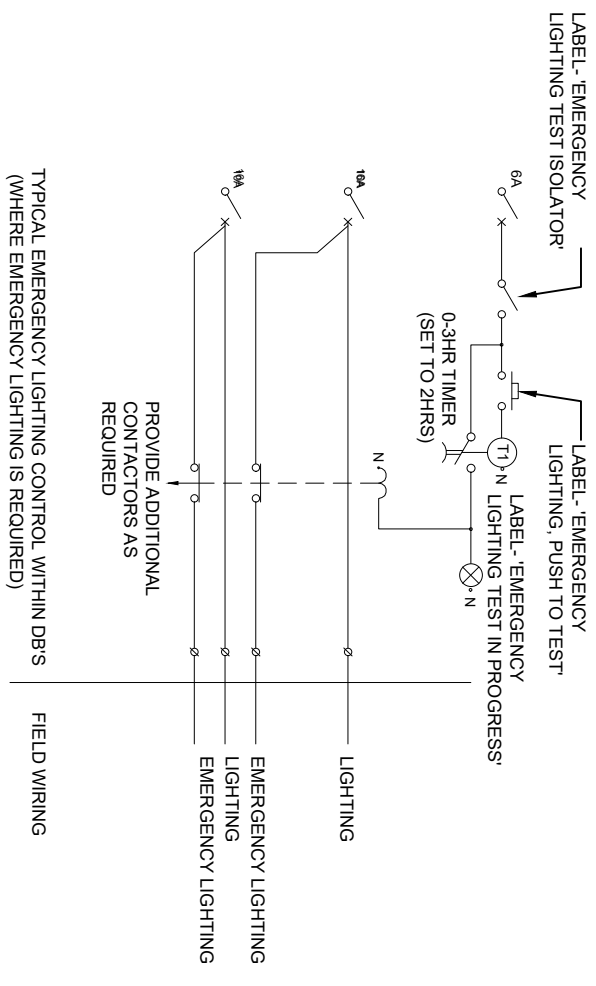
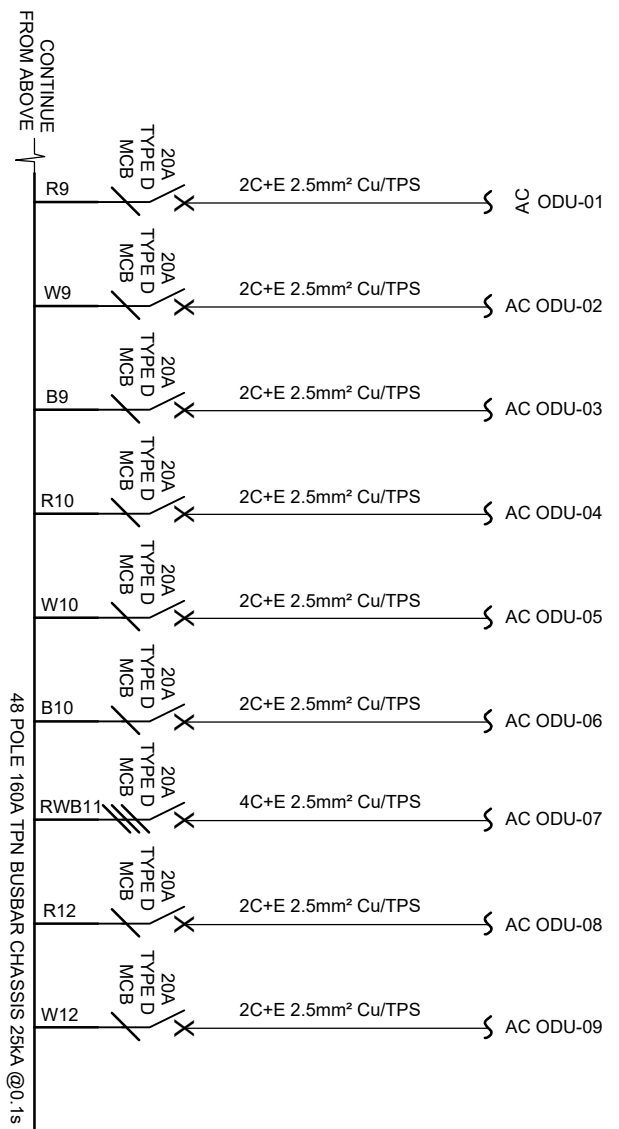
PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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DATE: 28 FEB 2025	Job No.: 014
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DRAWN: S.H.W	
DESIGN: S.H.W	Rev 1



- NOTES**
1. ALL FINAL SUB CIRCUIT BREAKERS SHALL HAVE A BREAKING MIN BREAKING CAPACITY OF 10KA
 2. ALL CIRCUIT BREAKERS SHALL BE TYPE C UNLESS INDICATED OTHERWISE
 3. ROBOS SHALL BE 30mA RATED.
 4. DB CABINET ENCLOSURE SHALL BE INTERNAL QUALITY IP40 MINIMUM IF BUILDING IS NON SPRINKLERED & IP54 MINIMUM IF SPRINKLERED
 5. ALLOW FOR EMERGENCY LIGHTING MANUAL TEST FACILITY
 6. ELECTRICAL CONTRACTOR TO VERIFY EXISTING MAIN ELECTRICAL SWITCHBOARD AND REVIEW ELECTRICAL SCHEMATIC DIAGRAM FOR SUB-MAINS REQUIREMENTS



EMERGENCY LIGHTING CONTROL DIAGRAM FOR TYPICAL DB

10 DISTRIBUTION BOARD GROUND FLOOR ELECTRICAL SCHEMATIC DIAGRAMS

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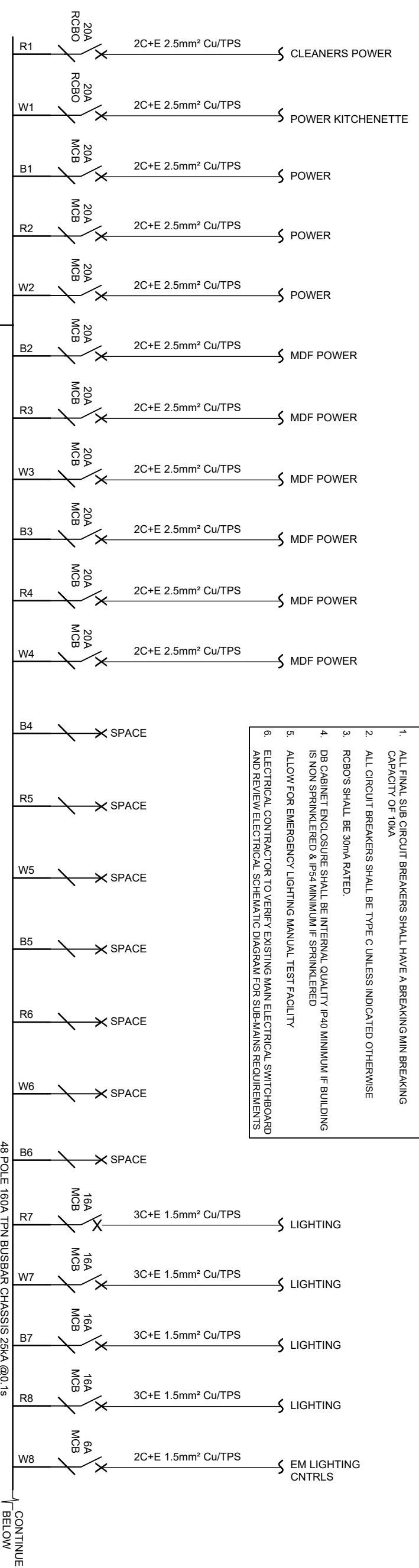
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DISTRIBUTION BOARD GROUND FLOOR ELECTRICAL SCHEMATIC DIAGRAMS

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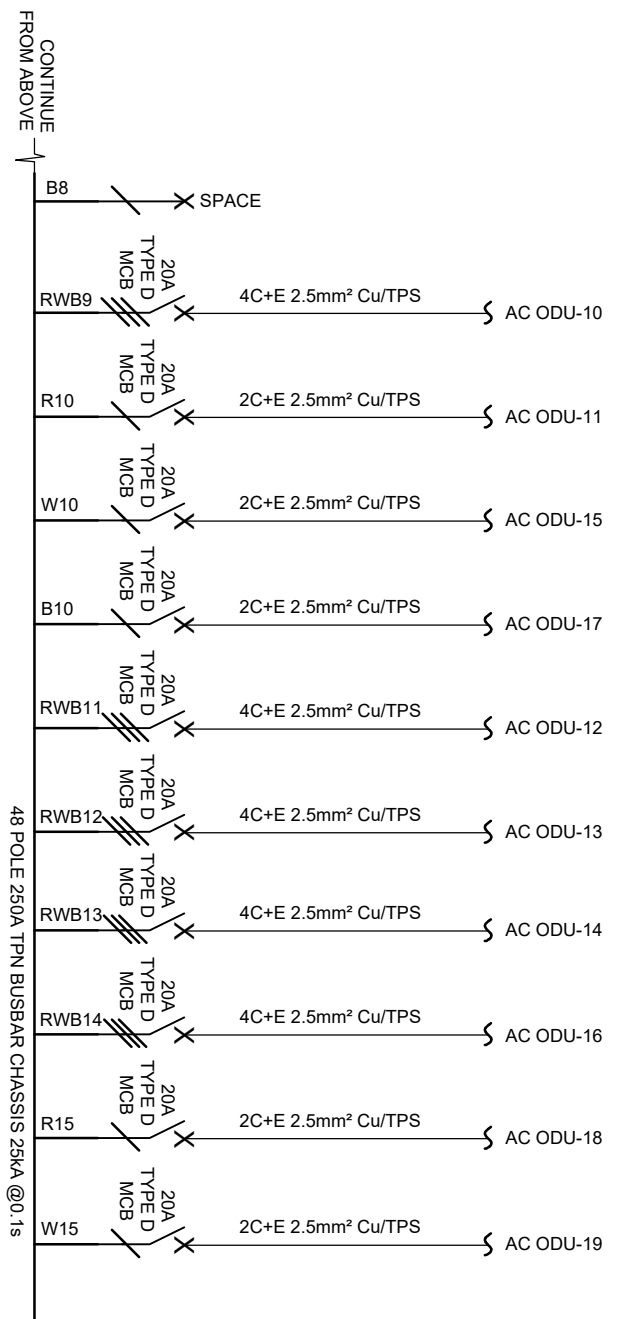
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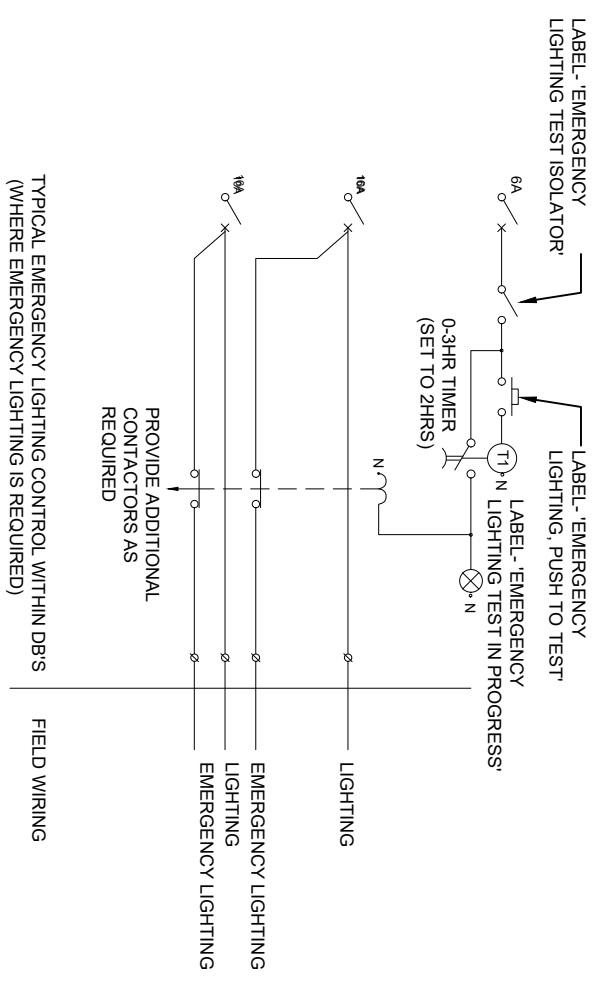


- NOTES**
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11 DISTRIBUTION BOARD FIRST FLOOR ELECTRICAL SCHEMATIC DIAGRAMS

Scale N.T.S



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DISTRIBUTION BOARD FIRST FLOOR ELECTRICAL SCHEMATIC DIAGRAMS		1		28/02/2025		PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI		Lot 1, Vainibokesi rd, Nausori Phone: (679) 3477 913 MOB: (679) 9232 532 E-mail: vokaiconsultants@gmail.com Building Design Consultants		AS SHOWN		Sheet No.: E11	
		2										Rev 1	
		3										Rev 1	

HYDRAULIC SERVICES DRAWINGS

Proposed Office Fitout For Taukei Land Trust Board At Santok Investment Building, Martintar, Nadi

DRAWING INDEX			
DWG. No.	DESCRIPTION	DATE	REVISION
H0	DRAWING INDEX	28.02.25	1
H1	GENERAL NOTES AND SYMBOLS	28.02.25	1
H2	EXISTING GROUND FLOOR LAYOUT	28.02.25	1
H3	EXISTING FIRST FLOOR LAYOUT	28.02.25	1
H4	PROPOSED GROUND FLOOR COLD WATER LAYOUT	28.02.25	1
H5	PROPOSED ENLARGED GROUND FLOOR COLD WATER LAYOUT	28.02.25	1
H6	PROPOSED FIRST FLOOR COLD WATER LAYOUT	28.02.25	1
H7	PROPOSED ENLARGED FIRST FLOOR COLD WATER LAYOUT	28.02.25	1
H8	PROPOSED GROUND FLOOR SANITARY DRAINAGE LAYOUT	28.02.25	1
H9	PROPOSED ENLARGED GROUND FLOOR SANITARY DRAINAGE LAYOUT	28.02.25	1
H10	PROPOSED FIRST FLOOR SANITARY DRAINAGE LAYOUT	28.02.25	1
H11	PROPOSED ENLARGED FIRST FLOOR SANITARY DRAINAGE LAYOUT	28.02.25	1
H12	HYDRAULIC SERVICES DETAILS	28.02.25	1

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PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

A. GENERAL

- THE MAIN CONTRACTOR WILL NEED TO PROVIDE SHOP DRAWINGS FOR THE COMPLETE HYDRAULICS (INCL. COLD AND HOT WATER) AND SEWER (SANITARY PLUMBING) FOR ENGINEER'S APPROVAL. PRIOR TO COMMENCING ANY HYDRAULICS WORK ON SITE - MARK ALL SURVEYED INVERT LEVELS
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND STRUCTURAL AND OTHER SERVICES DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH RELEVANT SAA CODES AND AUTHORITIES HAVING JURISDICTION
- ALL DIMENSIONS SHOWN SHALL BE VERIFIED ON SITE. ENGINEER'S DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS NOTED ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
- SUPPLY, INSTALL, COMMISSION AND MAINTAIN FOR THE DEFECTS PERIOD ALL THE PLUMBING SERVICES AS SHOWN ON THE DRAWINGS. PROVIDE 'AS BUILT' DRAWINGS IN THE FORM OF ONE TRANSPARENCY AND ELECTRONIC FILES AND MAINTENANCE MANUALS AT PRACTICAL COMPLETION
- PROVIDE ALL NECESSARY PENETRATIONS THROUGH CONCRETE, BRICKWORK AND BUILDING FINISHES TO ACCOMMODATE PIPEWORK. PENETRATIONS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL. PRIOR TO THEIR CONSTRUCTION, PENETRATIONS, REQUIRED THROUGH CONSTRUCTED MATERIALS AND PRECAST SLABS SHALL BE CORE DRILLED. ALL PENETRATIONS ARE TO BE SEALED IN AN APPROVED MANNER
- TRENCH BACKFILLING UNDER PAVEMENTS AND BUILDING SLABS TO FORMATION LEVEL SHALL BE CLASS 3 FINE CRUSHED ROCK COMPACTED IN LAYERS OF 150MM MAXIMUM COMPACTED THICKNESS TO 95% STANDARD MAXIMUM DRY DENSITY
- SANITARY FIXTURES AND TAPWARE AS SPECIFIED BY THE ENGINEER ARE TO BE PROVIDED AND INSTALLED
- APPLY TO THE LOCAL WATER AND SEWERAGE AUTHORITY FOR ALL NECESSARY PERMITS. PAY ALL FEES AND CHARGES
- CONSTRUCT ALL WORKS IN ACCORDANCE WITH AS 3500 THE NATIONAL PLUMBING AND DRAINAGE CODE
- MAKE GOOD ALL DAMAGE TO EXISTING CONDITIONS
- ALL SERVICES SHALL BE IDENTIFIED IN ACCORDANCE WITH AS 1345
- ABOLISH ALL EXISTING FIXTURES AS INDICATED ON ENGINEER'S DEMOLITION PLAN OR AS REQUIRED FOR PROPOSED WORKS. CUT AND SEAL ALL SERVICES AS REQUIRED

B. SANITARY PLUMBING & DRAINAGE

- SOIL WASTE AND VENT PIPES SHALL BE:- UPVC TO AS141SEWER DRAIN PIPES SHALL BE:- UPVC TO AS1260 UNLESS NOTED OTHERWISE. PROVIDE FIRE COLLARS FOR ALL UPVC PENETRATIONS THROUGH FIRE RATED BUILDING ELEMENTS EXPOSED WASTES SHALL BE CHROME PLATED BRASS
- CONCEAL ALL SEWER WASTE AND VENT PIPES WITHIN DUCTS, WALL CAVITIES OR CEILING SPACES WHEREVER POSSIBLE
- PROVIDE FIX AND CONNECT PLUMBING FIXTURES IN POSITIONS SHOWN INCLUDING ALL NECESSARY BRACKETS, FIXING BOLTS, SCREWS, AND CLUSTERS
- BEFORE COMMENCING DRAINAGE WORK OBTAIN, BY SITE MEASUREMENT, THE INVERT LEVELS OF ALL DRAINS TO WHICH CONNECTION IS TO BE MADE. CONFIRM THAT EXISTING AND PROPOSED LEVELS ARE COMPATIBLE
- FLOOR WASTES SHALL HAVE CHROME PLATED BRASS OR NICKEL BRONZE REMOVABLE GRATINGS AND IN VINYL FLOOR AREAS SHALL BE PROVIDED WITH AN ASSOCIATED VINYL CLAMP RING

C. COLD AND HOT WATER SERVICE

- ALL COLD AND HOT WATER PIPING SHALL BE IN ACCORDANCE WITH AS3500. RECIRCULATING HOT WATER PIPING SHALL HAVE 25 MM THICK SNAPLAG ROCKWOOL INSULATION WITH ALUMINIUM FOIL SHEATHING IN CONCEALED LOCATIONS AND 0,6MM ZINCALUME SHEATHING IN EXPOSED LOCATIONS PAINTED TO APPROVAL. HOT WATER DEAD LEGS SHALL HAVE KENLAG TYPE INSULATION
- CW & HW PIPING SHALL BE A MINIMUM OF 20MM DIAMETER EXCEPT FOR THE LAST 3M TO A SINGLE FIXTURE WHICH MAY BE 15MM DIAMETER
- CONCEAL ALL PIPEWORK WHEREVER POSSIBLE WITHIN DUCTS, WALL CAVITIES AND CEILING SPACES. CHROME PLATE PIPEWORK EXPOSED IN ABLUTION, TOILET, BATHROOM AND KITCHEN AREAS
- PROVIDE FIX AND CONNECT HOT AND COLD WATER IN POSITIONS SHOWN INCLUDING ALL NECESSARY BRACKETS, FIXING BOLTS, SCREWS, BREACHING PIECES, TAPS
- PROVIDE ISOLATION VALVES FOR ALL TAPS. THESE SHALL BE READILY ACCESSIBLE AND THE SAME NOMINAL DIAMETER AS THE PIPE TO WHICH IT IS FITTED
- AT THERMOSTATIC MIXING VALVES PROVIDE HOT AND COLD WATER ISOLATING VALVES. EXTEND HOT AND COLD WATER PIPING TO TAPWARE IN THE VICINITY VIA CAVITIES AND/OR CEILING SPACE
- WHERE ACCESS PANELS ARE NOTED ON THE DRAWINGS PROVIDE TRAFALGAR PANELS, ISOLATING BALL VALVES AND EXTEND HOT AND COLD WATER PIPEWORK TO TAPWARE
- AT OTHER LOCATIONS ISOLATE INDIVIDUAL FIXTURE TAPWARE BY PROVIDING STOP TAPS AT THE WALL BELOW EACH FIXTURE
- TAKE ALL NECESSARY PRECAUTIONS TO PREVENT WATER HAMMER AND RECTIFY SHOULD IT OCCUR
- THE SYSTEM SHALL BE TESTED AT A PRESSURE OF 1400 KPA, AS THE WORK PROCEEDS AND SHALL BE ABSOLUTELY FREE OF LEAKS BEFORE BEING FINALLY BUILT IN OR CONCEALED
- GAS SERVICE**
- GAS PIPING AND SIZES SHALL COMPLY WITH LOCAL AUTHORITY REQUIREMENTS AND SHALL BE BASED ON AS INSTALLED CONDITIONS. PROVIDE ISOLATING VALVES AND SECOND STAGE REGULATORS AT EACH GAS APPLIANCE

ABBREVIATIONS

AFFL	ABOVE FINISHED FLOOR LEVEL
CV	CHECK VALVE
CW	COLD/POTABLE WATER
DP	CHECK VALVE
CW	COLD/POTABLE WATER
DP	DOWN PIPE
FA	FROM ABOVE
FB	FROM BELOW
FD	FLOOR DRAIN
FG	FLOOR GULLY
FV	FLOAT AND BALL VALVE
GT	GULLY TRAP
HB	HAND BASIN
HT	HOSE TAP
H/L	HIGH LEVEL
ID	INTERNAL DIMENSION
IO	INSPECTION OPENING
IV	ISOLATION VALVE
L	LITERS
SAN	SANITARY
SHW	SHOWER
SK	SINK
STW	STORMWATER
SWR	SEWER
TA	TO ABOVE
TB	TO BELOW
UR	URINAL
UPVC	UNPLASTICISED POLYVINYL
WAF	(WATER METER) WATER AUTHORITY OF
WC	WATER CLOSET
WM	WASHING MACHINE
WT	WASHING TUB
ETC	EXISTING INSPECTION CHAMBER

PIPE TYPES

APPLICATION	LOCATION	PIPEWORK MATERIAL
SANITARY DRAINAGE	ABOVE GROUND UNDERGROUND	UNPLASTICISED POLYVINYL CHLORIDE (SEWER GRADE)
DRAIN VENTS	ALL LOCATIONS	UNPLASTICISED POLYVINYL CHLORIDE
COLD WATER SUPPLY RETICULATION PIPES	ALL LOCATIONS	K2 PEX PIPE CROSS LINKED POLYETHYLENE BY RETICULATION PIPES IPLEX PIPELINES AND PVC FOR PIPES LESS THAN 25Ø UNDERGROUND MAINS INCOMER - UPVC - RISER - COPPER - TANK PUMP AND DELIVER RISER - COPPER DISTRIBUTION - UPVC
HOT WATER SUPPLY	ABOVEGROUND INSIDE BUILDING	K2 PEX CROSS LINKED POLYETHYLENE BY IPLEX PIPELINES
FIRE HOSE REELS	ABOVEGROUND UNDERGROUND	GALVANISED GRADE C PIPING UNPLASTICISED POLYVINYL CHLORIDE (PRESSURE PIPE) CLASS 12 GALVANISED GRADE C PIPING
FIRE HYDRANT	ABOVEGROUND UNDERGROUND	MPVC SERIES 2 PN 12
LP GAS RETICULATION PIPES	UNDERGROUND INSIDE BUILDING	SEAMLESS COPPER TUBING
HOT WATER SUPPLY PIPE AFTER HEATER	CONNECTED TO WATER HEATER FOR LENGTH OF 1 METER MINIMUM	SEAMLESS COPPER TUBING WITH THERMOTEC WATER 4-ZERO INSULATION WITH THERMALLY BONDED ALUMINIUM COVERING

MINIMUM DISCHARGE RATES AND SUPPLY SIZES FOR FIRE HOSE REELS

NOMINAL HOSE DIAMETER	MINIMUM DISCHARGE AT 220KPA INLET PRESSURE (l/sec)	MINIMUM SUPPLY PIPE SIZE (DN)
13	0.24	19
19	0.45	25
25	0.55	25

MINIMUM CLEARANCE OF VENT PIPES FROM BUILDING OPENINGS

TYPE OF OPENING	MINIMUM CLEARANCE FROM OPENINGS	
	HORIZONTAL (mm)	VERTICAL (mm)
WINDOWS, ROOF LIGHT, DOORS	3000	600
EAVES, PARAPET	-	600
ROOF	-	600
DECK	3000	150
AIR INTAKE (FANS, ETC)	6000	-

MINIMUM GRADIENT FOR STORMWATER PIPES

NOMINAL SIZE GRADIENT	MINIMUM	NOMINAL SIZE GRADIENT	MINIMUM
DN80	1:90	DN40/50/60	1:40
DN100	1:120	DN80	1:60
DN150	1:200	DN100	1:60
DN225	1:350	DN150	1:100
DN300	1:350	DN225	1:150
DN375	1:350	DN300	1:250

MINIMUM GRADIENT FOR DISCHARGE PIPES

NOMINAL SIZE GRADIENT	MINIMUM
DN80	1:40
DN100	1:60
DN150	1:60
DN225	1:100
DN300	1:150
DN375	1:250

HYDRAULICS SYMBOL

HYDRAULICS SYMBOL	DESCRIPTION
	CAPPED OFF
	CLEANOUT
	DIRECTION OF FLOW
	DRAIN LOCATION
	FLOOR WASTE GULLY
	PIPE BREAK
	PIPE CHANGE IN ELEVATION
	WATER METER (WATER AUTHORITY OF FDI)
	TUNDISH
	ISOLATION VALVE
	PUMP
	STRAINER
	HOSE TAP (SHUT-OFF VALVE)
	NON-RETURN VALVE

LINETYPES

DESCRIPTION	LINETYPE
DOMESTIC COLD WATER LINE	_____ CW _____
DOMESTIC SANITARY WASTE LINE	_____ DSW _____
STORMWATER LINE	_____ STW _____
HOT WATER LINE	_____ HW _____
HOW WATER RETURN LINE	_____ DHW _____
FIRE HOSE REEL WATER SUPPLY	_____ FR _____
DIESEL PIPELINE	_____ DPL _____

MINIMUM PIPE SIZES FOR SANITARY APPLIANCES

SANITARY FIXTURE OUTLET	MINIMUM SIZE OF TRAP & DISCHARGE PIPE
HAN BASIN	DN40
SINKS	DN50
SHOWER	DN50
WATER CLOSET	DN100

PIPES SPECIFICATION FOR STORMWATER DRAINAGE

SIZES	TYPES
UP TO DN150	UPVC
DN200 AND LARGER	PRE-CAST CONCRETE CULVERT PIPES

SHEET TITLE

GENERAL NOTES

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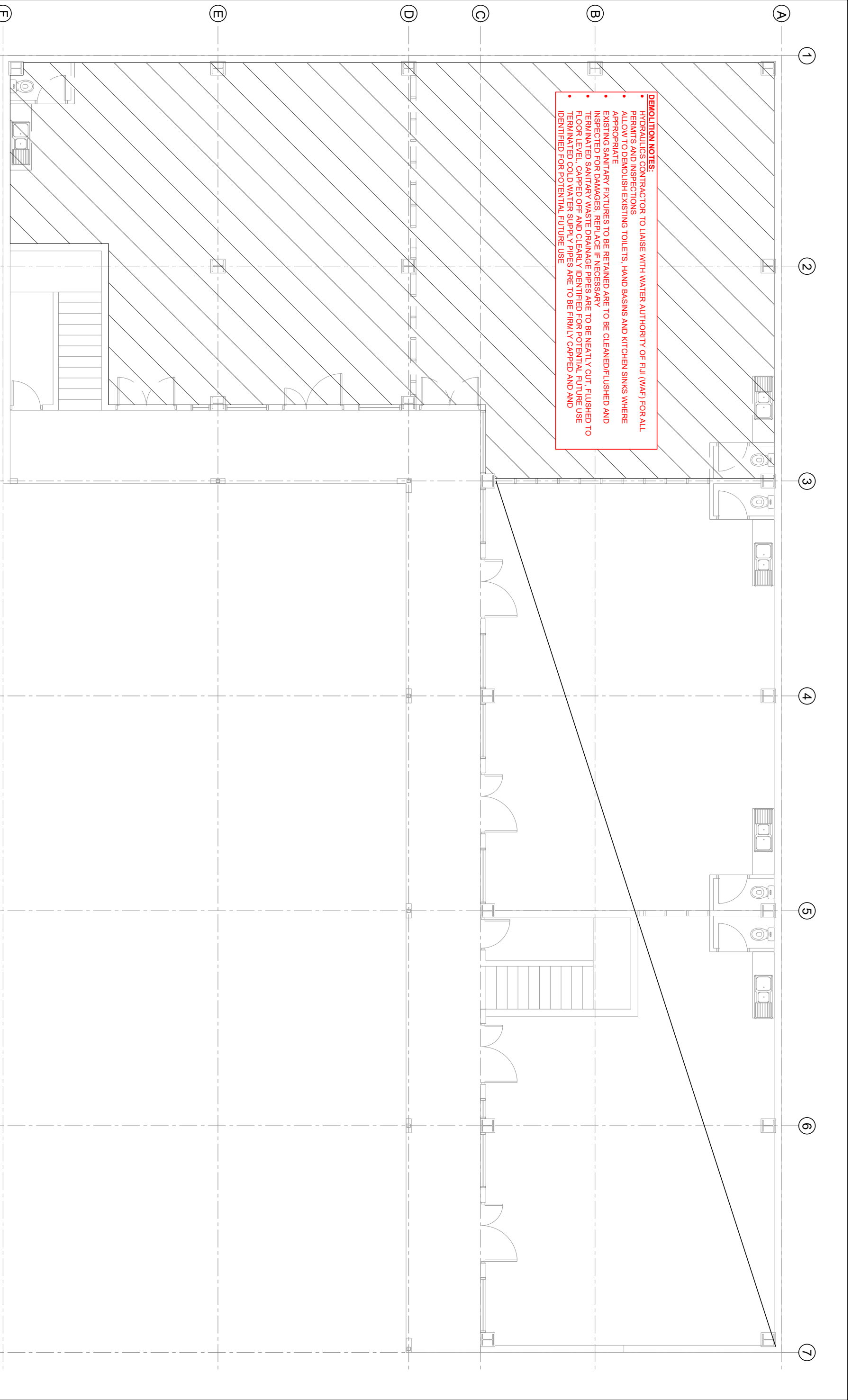
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 DESIGN: S.H.W

Job No.: 014
 Sheet No.: H1
 Rev 1



DEMOLITION NOTES:

- HYDRAULICS CONTRACTOR TO LIAISE WITH WATER AUTHORITY OF FIJI (WAF) FOR ALL PERMITS AND INSPECTIONS
- ALLOW TO DEMOLISH EXISTING TOILETS, HAND BASINS AND KITCHEN SINKS WHERE APPROPRIATE
- EXISTING SANITARY FIXTURES TO BE RETAINED ARE TO BE CLEANED/FLUSHED AND INSPECTED FOR DAMAGES, REPLACE IF NECESSARY
- TERMINATED SANITARY WASTE DRAINAGE PIPES ARE TO BE NEATLY CUT, FLUSHED TO FLOOR LEVEL, CAPPED OFF AND CLEARLY IDENTIFIED FOR POTENTIAL FUTURE USE
- TERMINATED COLD WATER SUPPLY PIPES ARE TO BE FIRMLY CAPPED AND AND IDENTIFIED FOR POTENTIAL FUTURE USE

1 EXISTING GROUND FLOOR LAYOUT

Scale 1:100

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EXISTING GROUND FLOOR LAYOUT	

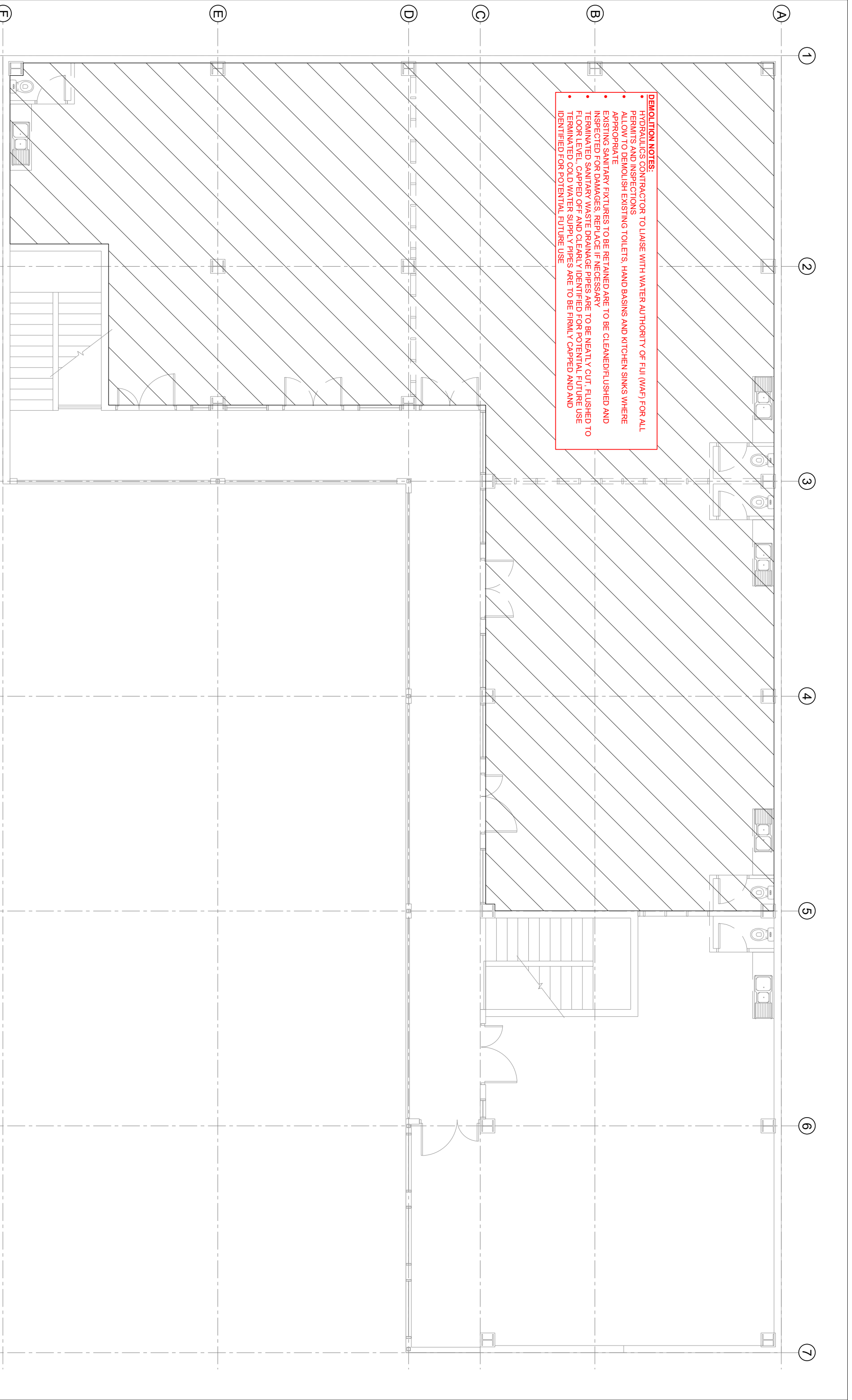
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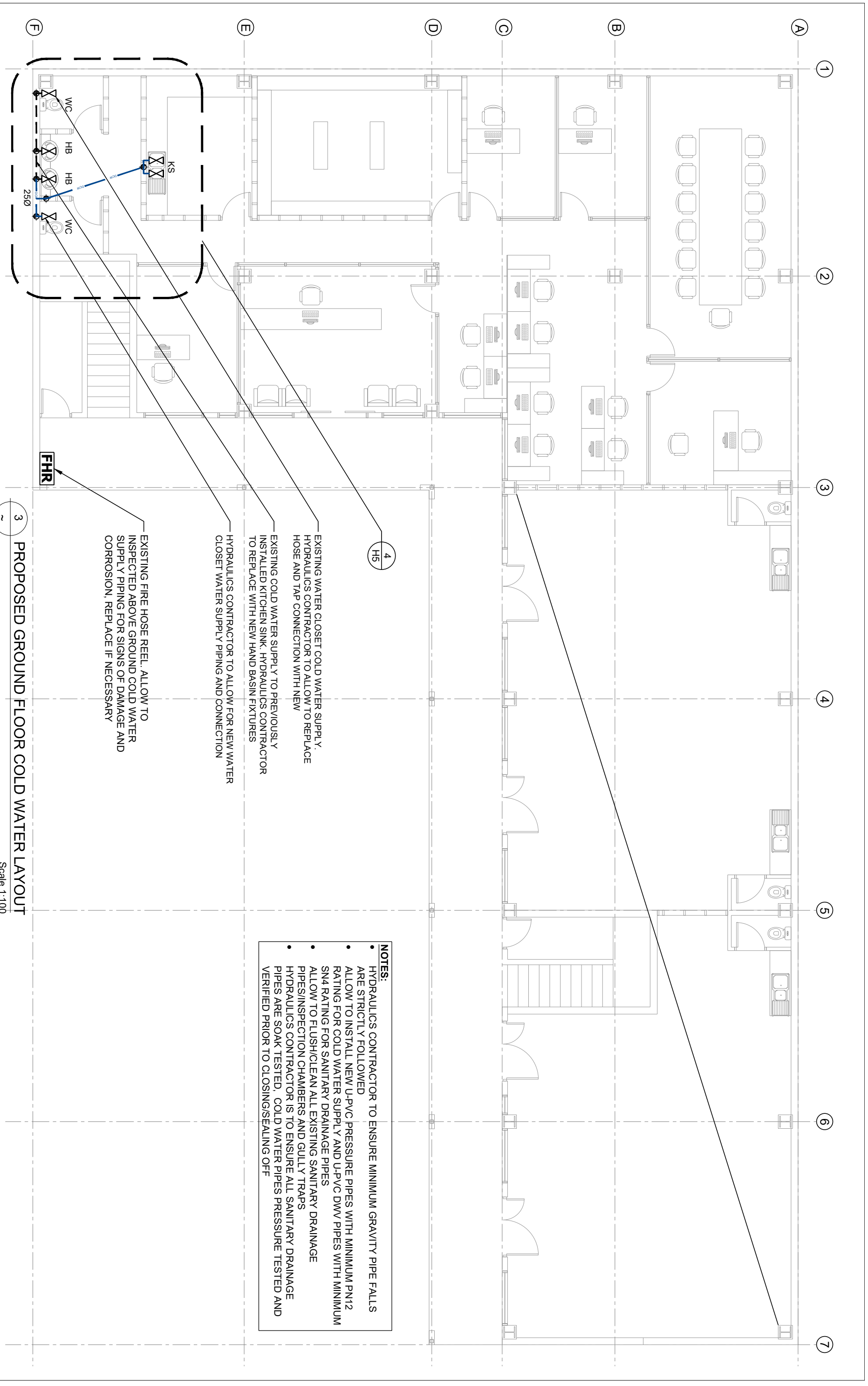
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2 EXISTING FIRST FLOOR LAYOUT

Scale 1:100

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EXISTING FIRST FLOOR LAYOUT		PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI		Lot 1, Vainibokasi rd Nausori Phone: (679) 3477 913 MOB: (679) 9232 532 E-mail: vokai.consultants@gmail.com Building Design Consultants		SCALE: AS SHOWN		DRAWN: S.H.W		Sheet No.: H3	
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SHEET TITLE
PROPOSED GROUND FLOOR COLD WATER LAYOUT

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Job No.: 014
Sheet No.: H4

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NOTES:

- HYDRAULICS CONTRACTOR TO ENSURE MINIMUM GRAVITY PIPE FALLS ARE STRICTLY FOLLOWED
- ALLOW TO INSTALL NEW U-PVC PRESSURE PIPES WITH MINIMUM PN12 RATING FOR COLD WATER SUPPLY AND U-PVC DWV PIPES WITH MINIMUM SN4 RATING FOR SANITARY DRAINAGE PIPES
- ALLOW TO FLUSH/CLEAN ALL EXISTING SANITARY DRAINAGE PIPES/INSPECTION CHAMBERS AND GULLY TRAPS
- HYDRAULICS CONTRACTOR IS TO ENSURE ALL SANITARY DRAINAGE PIPES ARE SOAK TESTED. COLD WATER PIPES PRESSURE TESTED AND VERIFIED PRIOR TO CLOSING/SEALING OFF

4
HS

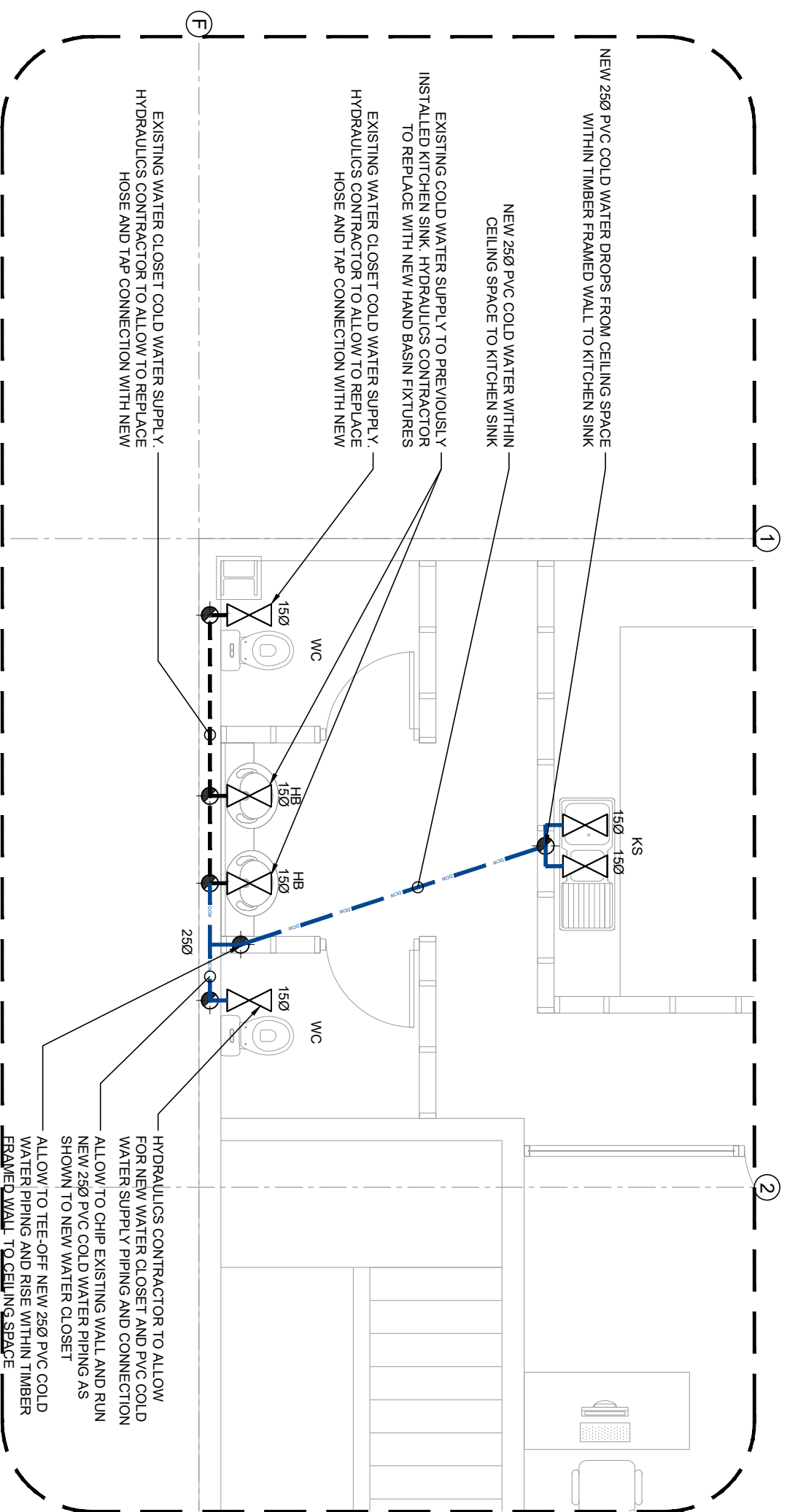
EXISTING WATER CLOSET COLD WATER SUPPLY. HYDRAULICS CONTRACTOR TO ALLOW TO REPLACE HOSE AND TAP CONNECTION WITH NEW

EXISTING COLD WATER SUPPLY TO PREVIOUSLY INSTALLED KITCHEN SINK. HYDRAULICS CONTRACTOR TO REPLACE WITH NEW HAND BASIN FIXTURES

HYDRAULICS CONTRACTOR TO ALLOW FOR NEW WATER CLOSET WATER SUPPLY PIPING AND CONNECTION

EXISTING FIRE HOSE REEL. ALLOW TO INSPECTED ABOVE GROUND COLD WATER SUPPLY PIPING FOR SIGNS OF DAMAGE AND CORROSION, REPLACE IF NECESSARY

3
PROPOSED GROUND FLOOR COLD WATER LAYOUT
Scale 1:100



4 PROPOSED ENLARGED GROUND FLOOR COLD WATER LAYOUT
Scale N.T.S

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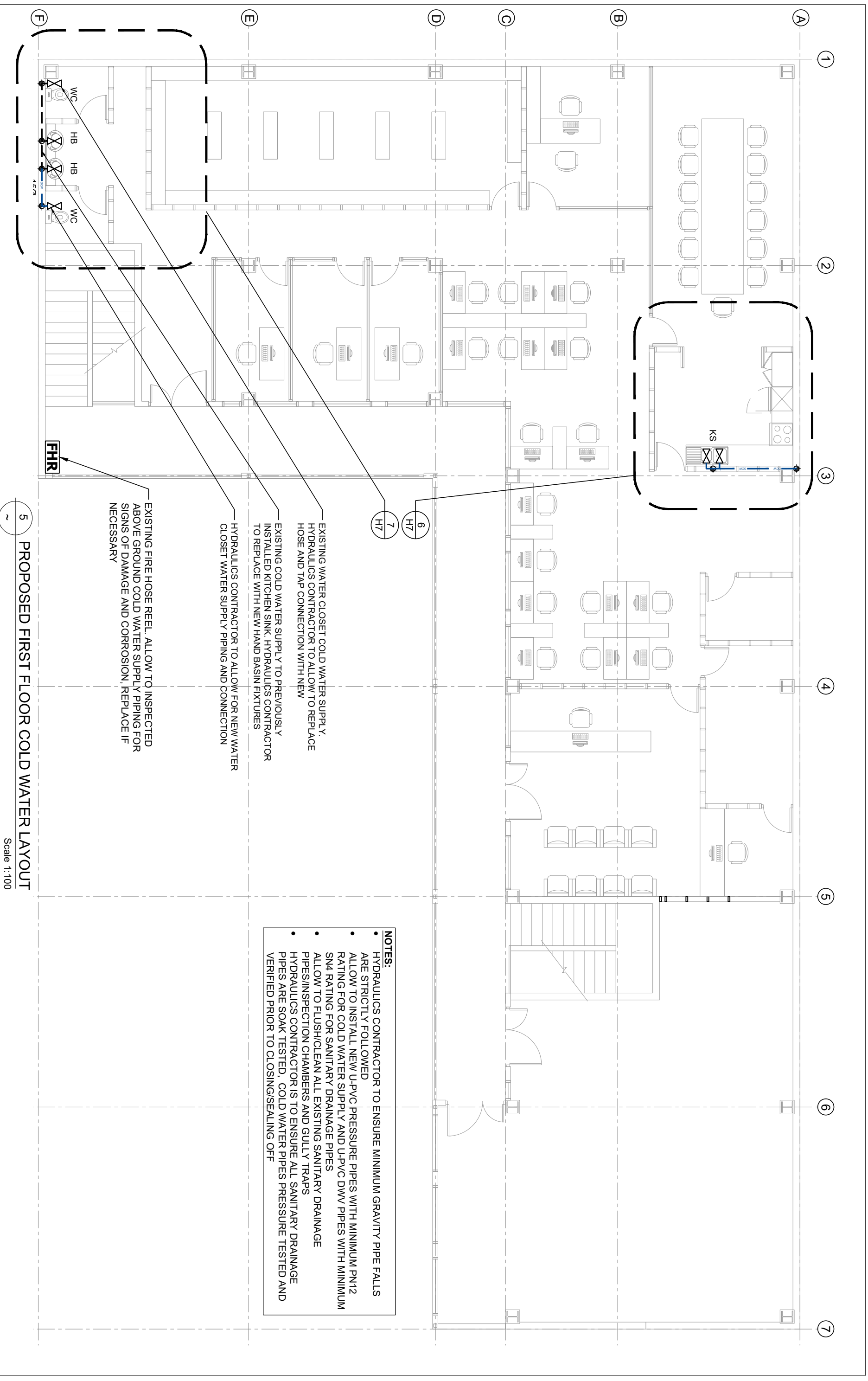
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3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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DATE: 28 FEB 2025	Job No.: 014
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DESIGN: S.H.W	



6
H7

7
H7

EXISTING WATER CLOSET COLD WATER SUPPLY. HYDRAULICS CONTRACTOR TO ALLOW TO REPLACE HOSE AND TAP CONNECTION WITH NEW

EXISTING COLD WATER SUPPLY TO PREVIOUSLY INSTALLED KITCHEN SINK. HYDRAULICS CONTRACTOR TO REPLACE WITH NEW HAND BASIN FIXTURES

HYDRAULICS CONTRACTOR TO ALLOW FOR NEW WATER CLOSET WATER SUPPLY PIPING AND CONNECTION

EXISTING FIRE HOSE REEL. ALLOW TO INSPECTED ABOVE GROUND COLD WATER SUPPLY PIPING FOR SIGNS OF DAMAGE AND CORROSION. REPLACE IF NECESSARY

NOTES:

- HYDRAULICS CONTRACTOR TO ENSURE MINIMUM GRAVITY PIPE FALLS ARE STRICTLY FOLLOWED
- ALLOW TO INSTALL NEW U-PVC PRESSURE PIPES WITH MINIMUM PN12 RATING FOR COLD WATER SUPPLY AND U-PVC DWV PIPES WITH MINIMUM SN4 RATING FOR SANITARY DRAINAGE PIPES
- ALLOW TO FLUSH/CLEAN ALL EXISTING SANITARY DRAINAGE PIPES/INSPECTION CHAMBERS AND GULLY TRAPS
- HYDRAULICS CONTRACTOR IS TO ENSURE ALL SANITARY DRAINAGE PIPES ARE SOAK TESTED. COLD WATER PIPES PRESSURE TESTED AND VERIFIED PRIOR TO CLOSING/SEALING OFF

5 PROPOSED FIRST FLOOR COLD WATER LAYOUT

Scale 1:100

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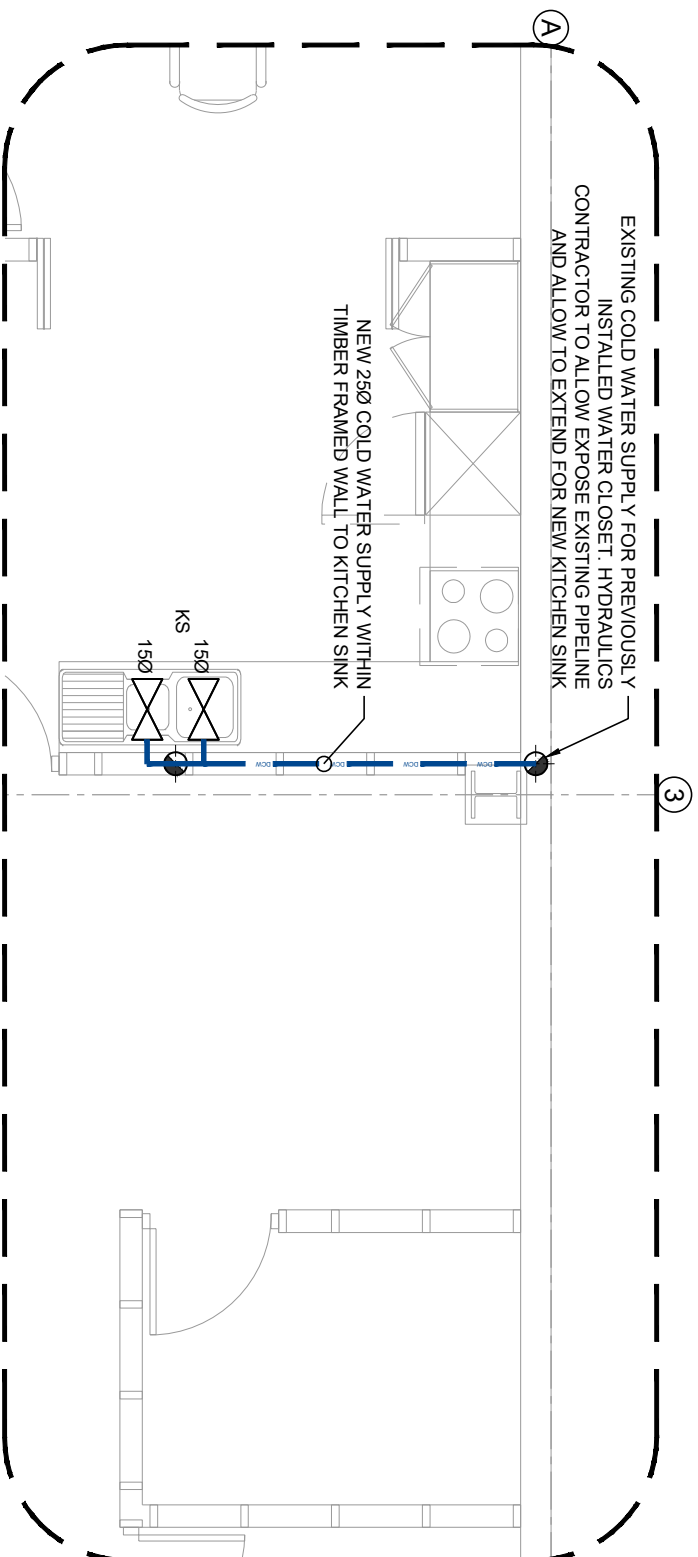
SHEET TITLE
PROPOSED FIRST FLOOR COLD WATER LAYOUT

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

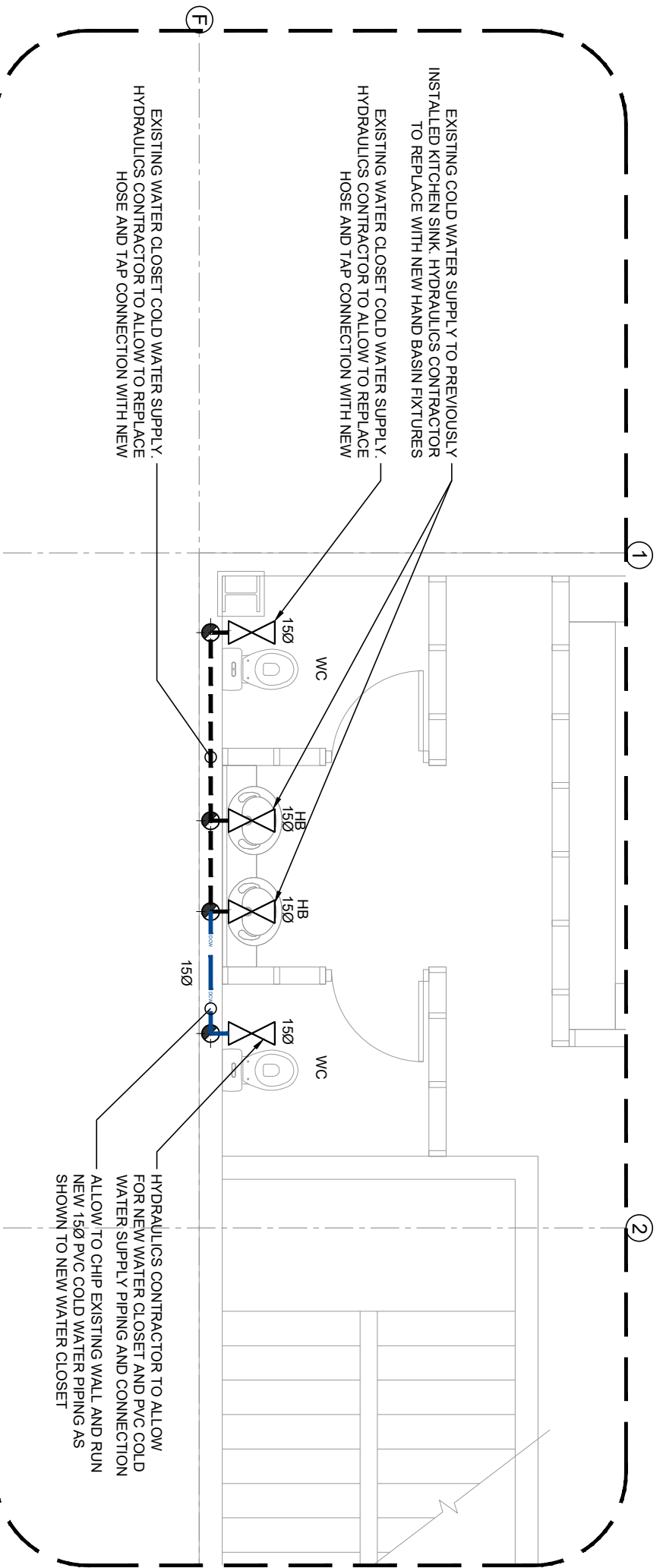
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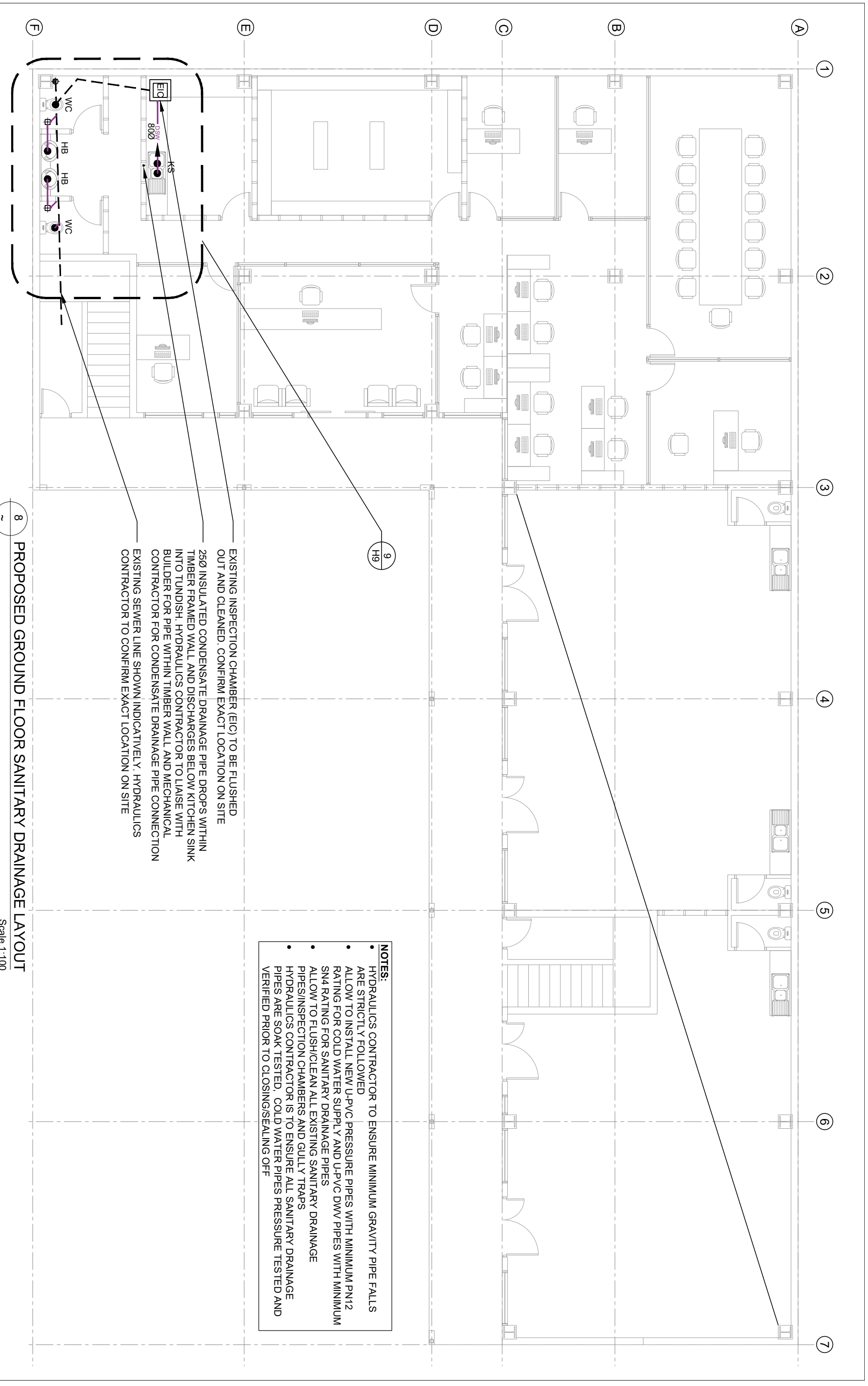


6 PROPOSED ENLARGED FIRST FLOOR COLD WATER LAYOUT
Scale N.T.S



7 PROPOSED ENLARGED FIRST FLOOR COLD WATER LAYOUT
Scale N.T.S

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PROPOSED ENLARGED FIRST FLOOR COLD WATER LAYOUT		28/02/2025		PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI		Lot 1, Wainibokasi rd, Nausori Phone: (679) 3477 913 MOB: (679) 9232 532 E-mail: vokaiconsultants@gmail.com Building Design Consultants		SCALE: AS SHOWN		DRAWN: S.H.W		Sheet No: H7	
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2													
3													



8 PROPOSED GROUND FLOOR SANITARY DRAINAGE LAYOUT

Scale 1:100

9
H9

EXISTING INSPECTION CHAMBER (EIC) TO BE FLUSHED OUT AND CLEANED. CONFIRM EXACT LOCATION ON SITE

250 INSULATED CONDENSATE DRAINAGE PIPE DROPS WITHIN TIMBER FRAMED WALL AND DISCHARGES BELOW KITCHEN SINK INTO TUNDISH. HYDRAULICS CONTRACTOR TO LAISE WITH BUILDER FOR PIPE WITHIN TIMBER WALL AND MECHANICAL CONTRACTOR FOR CONDENSATE DRAINAGE PIPE CONNECTION

EXISTING SEWER LINE SHOWN INDICATIVELY. HYDRAULICS CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE

NOTES:

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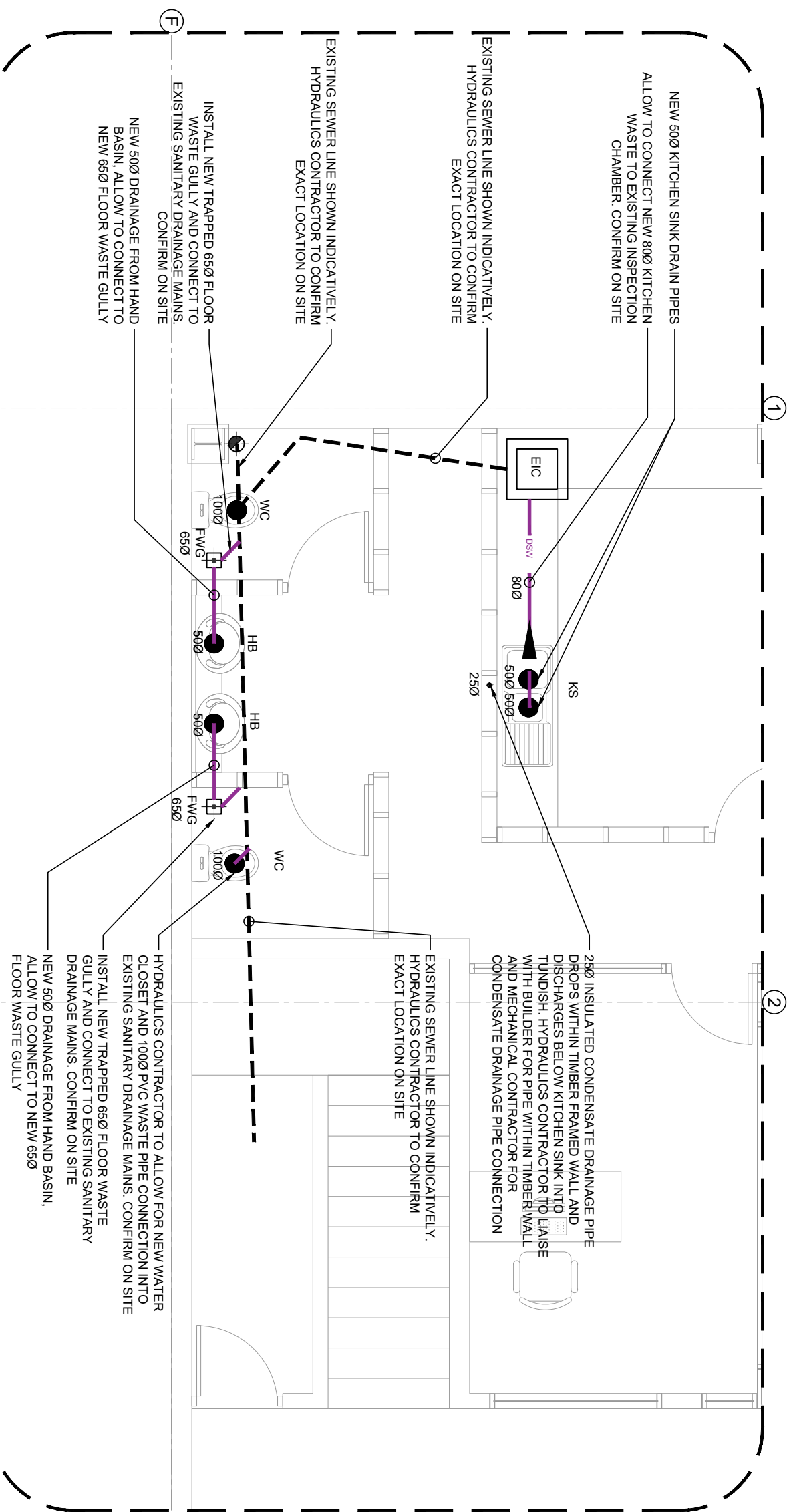
SHEET TITLE
PROPOSED GROUND FLOOR
SANITARY DRAINAGE LAYOUT

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
 PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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9 PROPOSED ENLARGED GROUND FLOOR SANITARY DRAINAGE LAYOUT
Scale N.T.S

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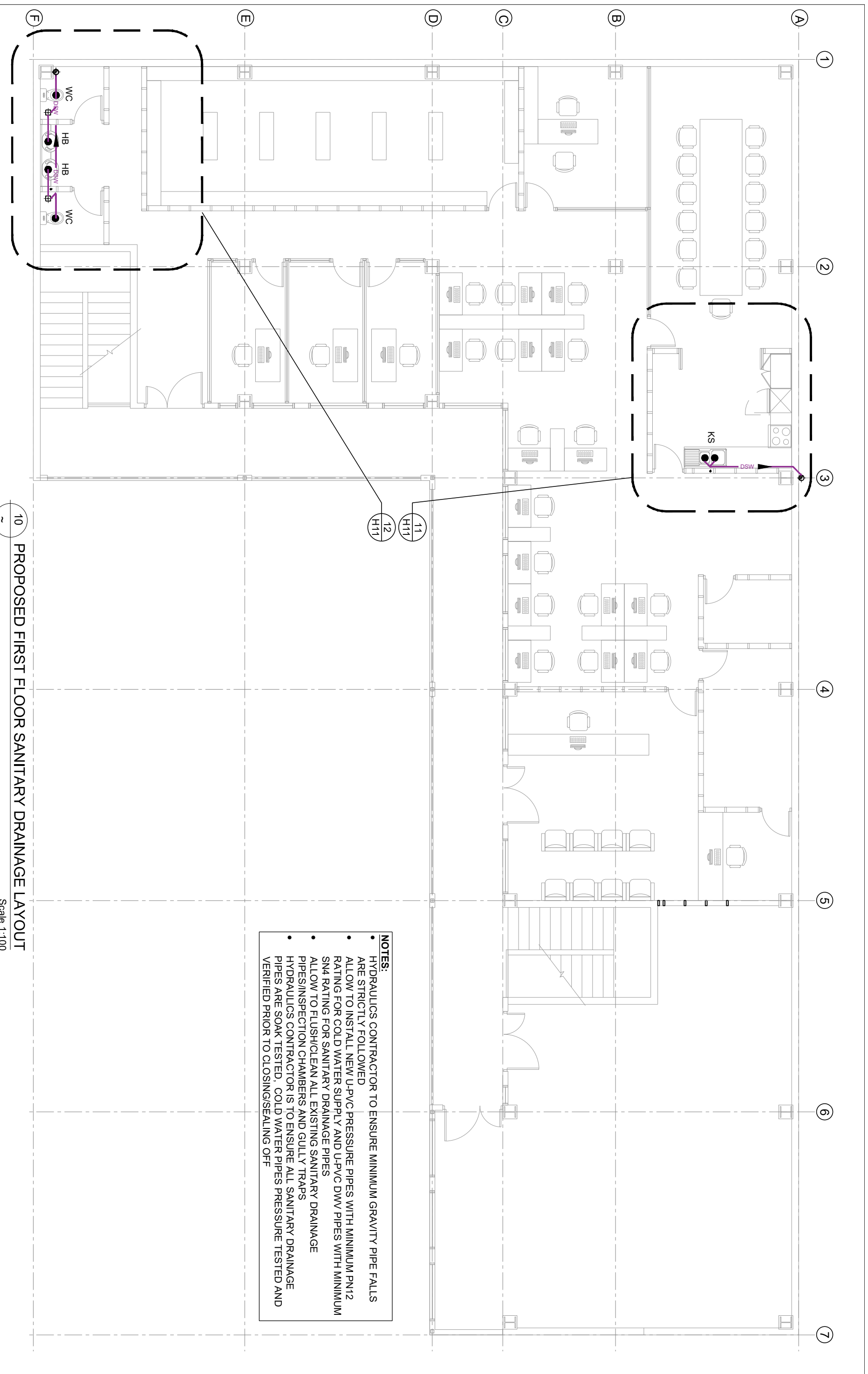
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2		
3		

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10 PROPOSED FIRST FLOOR SANITARY DRAINAGE LAYOUT
Scale 1:100

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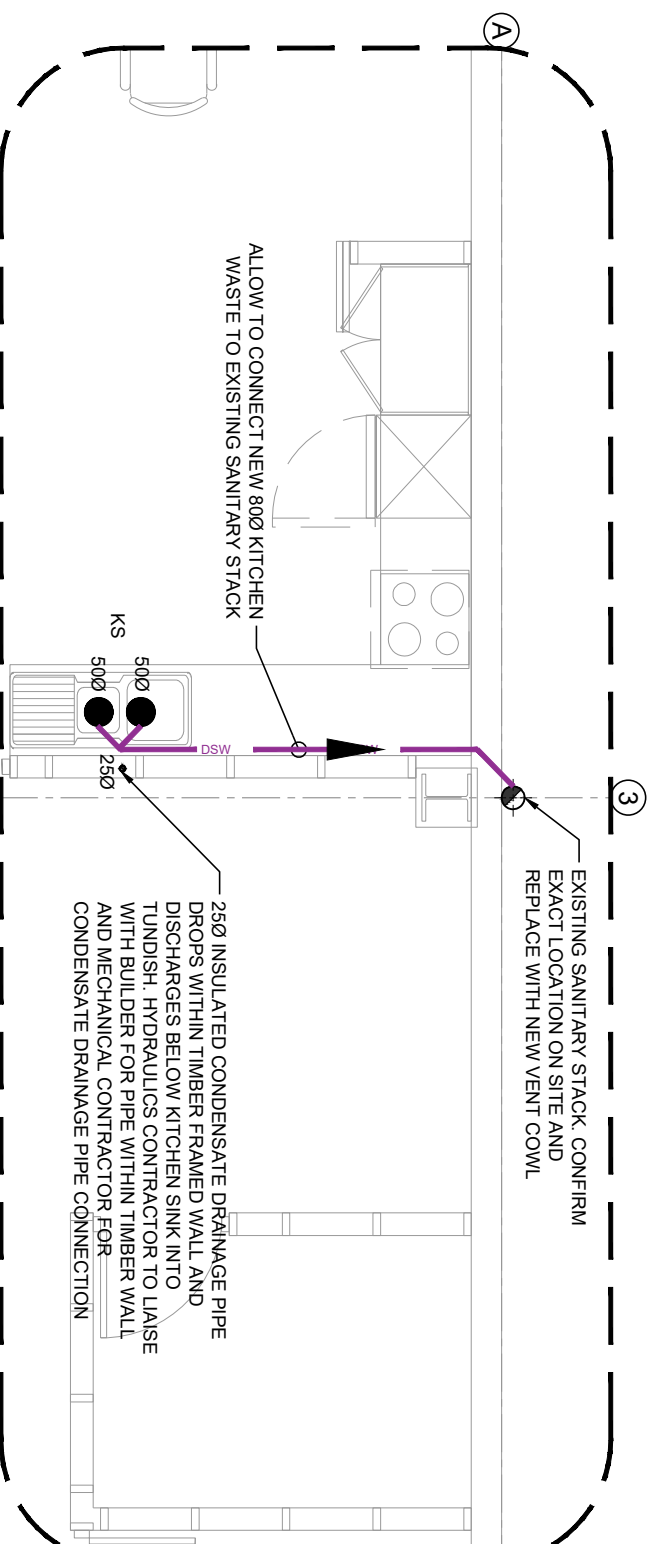
SHEET TITLE
**PROPOSED GROUND FLOOR
SANITARY DRAINAGE LAYOUT**

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
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3		

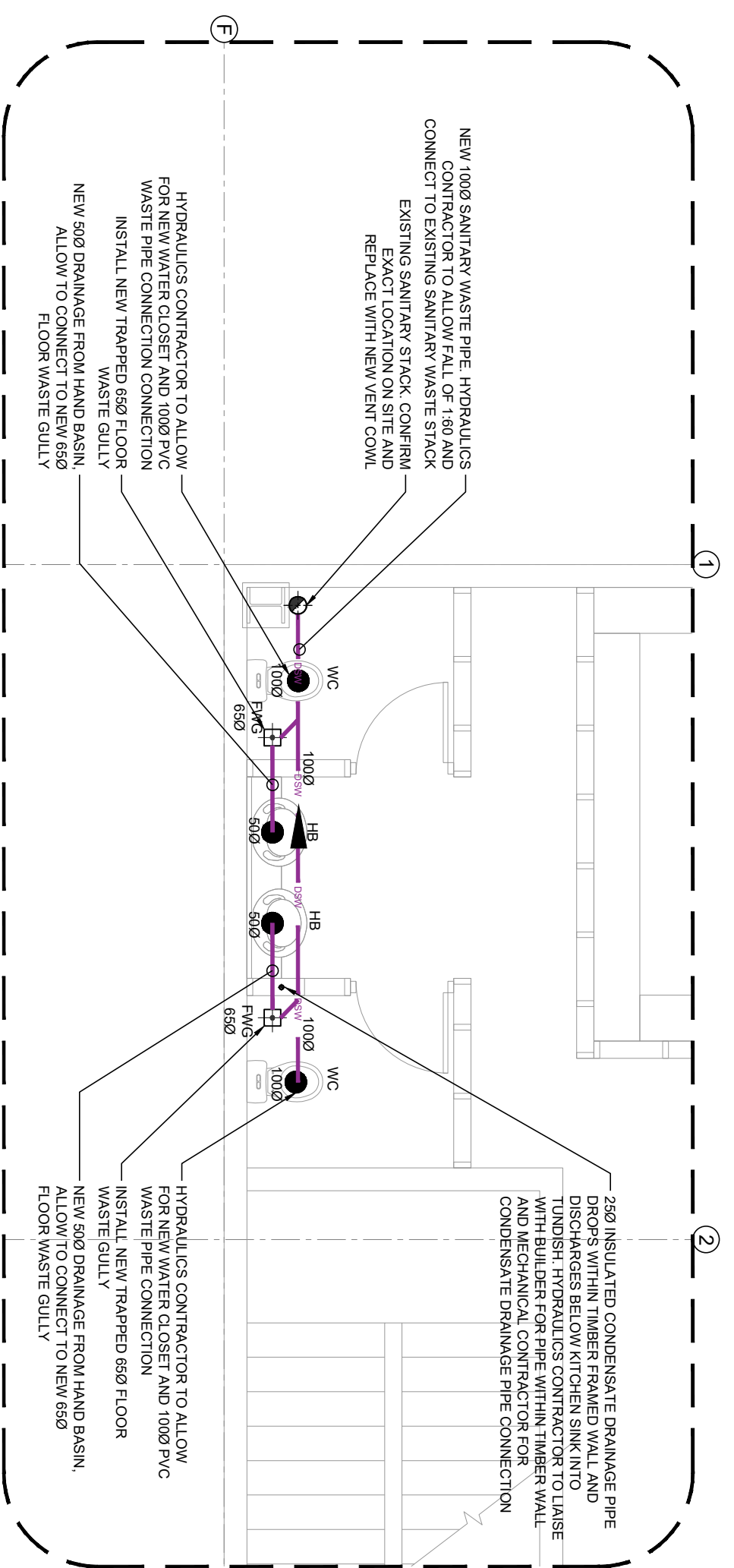
PROJECT
**PROPOSED OFFICE FITOUT FOR TAUKEI
LAND TRUST BOARD AT SANTOK
INVESTMENT BUILDING, MARTINTAR,
NADI**

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11 PROPOSED ENLARGED FIRST FLOOR SANITARY DRAINAGE LAYOUT
Scale N.T.S



12 PROPOSED ENLARGED FIRST FLOOR SANITARY DRAINAGE LAYOUT
Scale N.T.S

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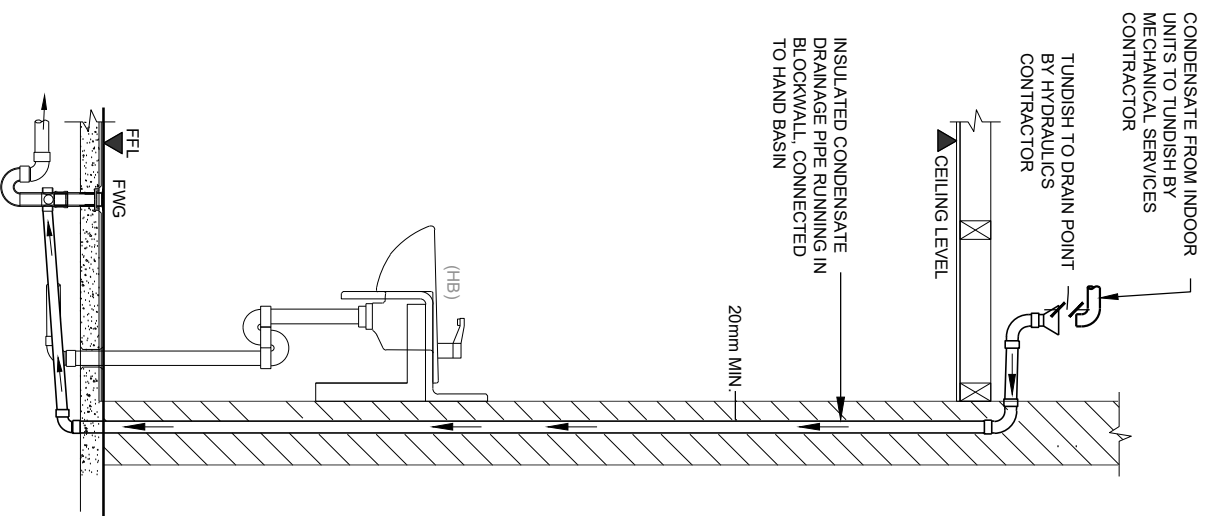
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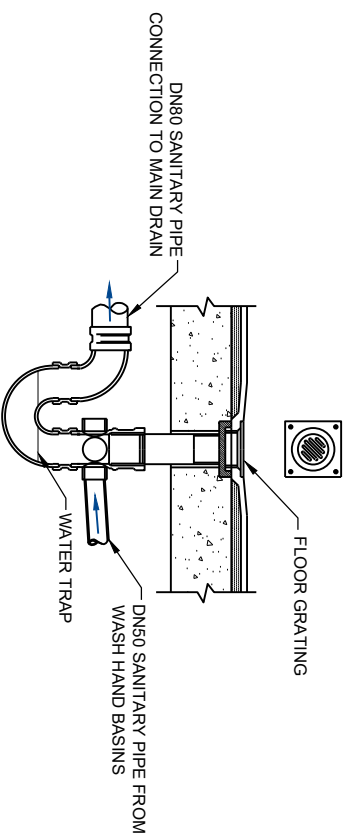
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8 TUNDISH DETAIL
Scale N.T.S



9 FLOOR WASTE GULLY DETAIL
Scale N.T.S

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SHEET TITLE
HYDRAULIC SERVICES DETAILS

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1	TENDER ISSUE	28/02/2025
2		
3		

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Sheet No.: H12
Rev 1

MECHANICAL SERVICES DRAWINGS

Proposed Office Fitout For Taukei Land Trust Board At Santok Investment Building, Martintar, Nadi

DRAWING INDEX			
DWG. No.	DESCRIPTION	DATE	REVISION
M0	DRAWING INDEX	28.02.25	1
M1	GENERAL NOTES AND SYMBOLS	28.02.25	1
M2	PROPOSED MECHANICAL SERVICES SCHEDULE - GROUND FLOOR	28.02.25	1
M3	PROPOSED MECHANICAL SERVICES SCHEDULE - FIRST FLOOR	28.02.25	1
M4	EXISTING GROUND FLOOR LAYOUT	28.02.25	1
M5	EXISTING FIRST FLOOR LAYOUT	28.02.25	1
M6	PROPOSED GROUND FLOOR MECHANICAL SERVICES LAYOUT	28.02.25	1
M7	PROPOSED FIRST FLOOR MECHANICAL SERVICES LAYOUT	28.02.25	1
M8	PROPOSED GROUND FLOOR REFLECTED CEILING MECHANICAL SERVICES COORDINATED LAYOUT	28.02.25	1
M9	PROPOSED FIRST FLOOR REFLECTED CEILING MECHANICAL SERVICES COORDINATED LAYOUT	28.02.25	1
M10	PROPOSED AIR-CONDITIONING OUTDOOR UNIT MOUNTING HEIGHT LAYOUT	28.02.25	1
M11	MECHANICAL SERVICES DETAILS	28.02.25	1

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2					DRAWN: S.H.W	Sheet No: M0
3					DESIGN: S.H.W	Rev 1

GENERAL NOTES

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT'S DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
- A. ALTHOUGH FIRE DAMPERS ARE SHOWN ON PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL FIRE DAMPERS NECESSARY AND REQUIRED BY CODE IN ORDER TO SUIT FIELD CONDITIONS. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RESISTANCE RATING OF BUILDING WALLS.
- B. ALL DUCTS PASSING THROUGH SLAB SHALL BE PROVIDED WITH FIRE DAMPERS.
- C. FIRE DAMPERS SHALL BE OF RELIEF TYPE THEREFORE FIRE DAMPERS SIZE SHALL BE SAME AS THE DUCT SIZE SHOWN ON DRAWINGS.
- D. ALL DUCTS HAVING FIRE DAMPERS SHALL BE PROVIDED WITH ACCESS DOORS IN DUCTS AS PER SMACNA STANDARDS.
3. UNLESS OTHERWISE SPECIFIED, ALL DUCT SIZES AND OTHER DIMENSIONS ARE IN MILLIMETERS.
4. ALL DUCT SIZES MENTIONED ON PLANS ARE CLEAR SIZES, EXCLUDING THE THICKNESS OF INSULATION, AND OTHER DUCT LINING.
5. ALL SUPPLY AND FRESH AIR DUCTS SHALL BE INSULATED. THE RETURN DUCTS SHALL BE INSULATED WHERE PASSING THROUGH NON-AIR CONDITIONED AREA OR CEILING SPACES NOT USED AS RETURN AIR PLENUM.
6. PROVIDE 6MM SQUARE MESH SCREEN ON ALL DUCT AND WALL OPENINGS IN CEILING SPACE.
7. FLEXIBLE DUCT CONNECTION TO ANY AIR OUTLET SHALL NOT EXCEED A LENGTH OF 1.50 METERS AND SHOULD BE STRAIGHTENED AS MUCH AS POSSIBLE TO ACHIEVE MINIMUM RESISTANCE TO AIR FLOW.
8. DUCTWORK, FITTINGS, HANGERS AND ACCESSORIES SHALL BE AS PER SMACNA RECOMMENDATIONS AND AS SPECIFIED IN THE SPECIFICATIONS.
9. INSTALL OPPOSED BLADE VOLUME DAMPERS ON ALL DUCT BRANCHES AND BRANCH TAKE-OFFS AND WHEREVER REQUIRED FOR PROPER BALANCING OF AIR.
10. BELL MOUTH OPENINGS FOR RETURN AIR SHALL BE SIZED AT A MAXIMUM VELOCITY OF 2.5 MS (600 FPM).
11. WALL OPENINGS (W.O.) FOR RETURN AIR SHALL BE SIZED AT A MAXIMUM VELOCITY OF 1.75 M/S (350 FPM).
12. WALL AND ROOF OPENINGS SHALL BE 13MM LARGER ALL AROUND THAN DUCT OR FIRE DAMPER SLEEVE PASSING THROUGH WALL OR SLAB AND THE VOID WILL BE FILLED WITH NON-COMBUSTIBLE MATERIAL AS SPECIFIED IN SPECIFICATION.
13. COORDINATE GRILLES, DIFFUSERS AND REGISTERS WITH REFLECTED CEILING PLANS AND LIGHTING PLANS.
14. FAN SYSTEM RESISTANCE AND ELECTRIC MOTOR RATING STATED IN THE SCHEDULES ARE DESIGN APPROXIMATIONS ONLY AND SHALL BE CHECKED AND REVISED BY THE MECHANICAL SERVICES CONTRACTOR PRIOR TO THE FINAL ORDERING OF EQUIPMENT WITH NO ADDITIONAL COST TO THE CONTRACT.
15. REFER TO ARCHITECTURAL DRAWINGS FOR DOOR GRILLES AND DOOR UNDERCUT SIZES AND DETAILS.
16. PROVIDE SLEEVES WHERE PIPES/DUCTS PENETRATE WALLS AND SLABS.
17. WHERE SHOWN ON PLANS THE ROOM THERMOSTATS SHALL BE MOUNTED ON THE WALL @ 1.5 METERS FROM FINISHED FLOOR OR TEMPERATURE SENSOR (DUCT MOUNTED THERMOSTAT) SHALL BE LOCATED IN THE MAIN RETURN AIR DUCT & TEMPERATURE SET POINT/CONTROLLER SHALL BE GROUPED TOGETHER IN ELECTRICAL ROOM UNLESS OTHERWISE SHOWN ON THE DRAWING.
18. PIPE ALL CONDENSATE DRAIN LINES TO THE NEAREST DRAIN POINT PROVIDED UNDER PLUMBING WORKS UNLESS OTHERWISE SHOWN ON THE DRAWING.
19. ROOF-MOUNTED EQUIPMENT TO BE TROPICALIZED AND WEATHERPROOFED, CONTRACTOR SHALL COORDINATE WITH ARCHITECTS TO MAKE SURE THAT EQUIPMENT AND DUCTWORK IS CONCEALED BEHIND PARAPET WALLS.
20. ROTATING EQUIPMENT SHALL BE PROVIDED WITH ISOLATORS TO PREVENT VIBRATION TRANSMISSION AS SPECIFIED IN THE SPECIFICATIONS.
21. INSTALL ALL FANS & ACCU'S AS DETAILED ON STRUCTURAL DRAWINGS.
22. INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S RECOMMENDATIONS.
23. SPLIT TYPE AIR-CONDITIONER REFRIGERANT PIPE SIZES SHALL BE IN ACCORDANCE WITH A/C MANUFACTURERS RECOMMENDATION.
24. SIZES AND TYPE OF RETURN DIFFUSERS SHALL BE THE SAME AS THEIR RESPECTIVE SUPPLY DIFFUSERS IN THE SAME ROOM SERVED UNLESS OTHERWISE SHOWN ON THE DRAWING. THE CONTRACTOR SHALL SUPPLY AND INSTALL SOUND ATTENUATORS.
25. IN THE SUPPLY AND RETURN DUCTING TO ENSURE THAT THE SOUND LEVELS WITHIN THE OCCUPIED AREAS OF THE BUILDING ARE AS PER ASHRAE RECOMMENDATION AND DO NOT EXCEED THE FOLLOWING AREAS.

ROOM NAME	NC LEVELS
OFFICES	30
BEDROOMS	35
PRAYER HALLS	35
GYMNASIUM	40
BARRACKS	35
TRAINING CLASS	30
LOBBY/SLOUNGES	45
ACHIEVES	35
KITCHEN, STORES AND CORRIDORS (WHERE A/C IS PROVIDED)	50

THE NOISE LEVEL CONSTRAINT WILL NOT BE APPLICABLE WHERE WINDOW TYPE: MINI SPLIT OR FAN COIL UNIT TYPE AIR CONDITIONERS ARE USED.

26. EXPOSED DUCTWORK SHALL BE RUN TIGHT AGAINST CEILING, WALLS, COLUMNS, AND BEAMS TO PROVIDE MAXIMUM HEADROOM AND PRESENTABLE APPEARANCE. GENERALLY THE BOTTOM OF THE DUCT SHALL BE AT THE SAME LEVEL THROUGHOUT RUN AND DESIGNED TO MAKE IT APPEAR TO BE A STRUCTURAL BEAM.

27. SUPPLY AND RETURN DUCTS EXPOSED TO ATMOSPHERE SHALL BE WITH 50MM FIBERGLASS RIGID BOARD INSULATION AND COVERED BY ALUMINIUM THICK 0.7MM THICKNESS.

28. PROVIDE ACCESS PANELS IN THE CEILING TO ALL FIRE DAMPERS, VOLUME DAMPERS, VAV BOXES, FCU CONTROL VALVES AND OTHER CONCEALED EQUIPMENT. CONTRACTOR SHALL COORDINATE WITH ARCHITECT THE FINAL LOCATION OF ACCESS PANELS TO SUIT THE SELECTED EQUIPMENT.

29. KITCHEN HOOD DUCTS AND CHASES SHALL BE CONSTRUCTED AND INSTALLED AS PER NIPA 96 AND ENCLOSURES AROUND HORIZONTAL & VERTICAL RUNS SHALL BE COORDINATED WITH THE ARCHITECTURAL LAYOUTS.

30. DUCTS PASSING ACROSS BUILDING EXPANSION JOINTS SHALL BE PROVIDED WITH FLEXIBLE DUCT CONNECTOR CLOSE TO THE JOINT. PIPES PASSING ACROSS SUCH SHALL BE PROVIDED WITH EXPANSION JOINTS, GUIDES AND THRUST RESTRAINTS.

31. CONTRACTOR SHALL EXECUTE ALL ELECTRICAL WORKS RELATED TO MECHANICAL SYSTEM INCLUDING ALL CONTROLS TO PROVIDE A COMPLETE AND OPERABLE SYSTEM TO THE SATISFACTION OF THE ENGINEER AND AS PER APPROVED DRAWINGS.

32. CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL TRADES AT SITE. HE IS RESPONSIBLE TO PROVIDE DUCT REDUCERS (AS NECESSARY) TO ABIDE WITH ARCHITECTURAL, STRUCTURAL AND MECHANICAL REQUIREMENTS.

33. INTAKE AND EXHAUST LOUVERDUCT OF GENERATOR SET SHALL BE BASED ON SELECTED MANUFACTURER'S RECOMMENDATION.

34. FRESH AIR INTAKE SHALL BE PROVIDED WITH SAND TRAP LOUVER WITH FACE VELOCITY NOT EXCEED 1 M/S.

35. FLEXIBLE PIPE CONNECTION SHALL BE PROVIDED TO ANY PIPE CONNECTED WITH HYAC EQUIPMENT.

LINETYPES	
CONDENSATE PIPE	COND ———— COND ————
REFRIGERANT PIPE	REF ———— REF ————
CONTROL CABLING	-----

SYMBOL	DESCRIPTION
	AIR-CONDITIONER CONTROLLER
	HIGH WALL MOUNTED SPLIT UNIT
	CEILING CASSETTE UNIT
	SUPPLY AIR DIFFUSER
	WALL MOUNTED EXHAUST FAN
	CEILING MOUNTED EXHAUST FAN
	ROOF MOUNTED EXHAUST FAN
	OUTDOOR UNIT (HORIZONTAL DISCHARGE)
	OUTDOOR UNIT (VERTICAL DISCHARGE)
	SUPPLY AIR DUCTWORK, WIDTH x DEPTH
	RETURN AIR DUCTWORK, WIDTH x DEPTH
	DUCT FLEXIBLE CONNECTION
	DG DOOR GRILLE
	DU DOOR UNDERCUT
	DL DOOR LOUVER
	DUCT SECTION
	EXHAUST GRILLE

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Rev	NOTES
1	TENDER ISSUE
2	
3	

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AIR-CONDITIONING INDOOR UNIT SCHEDULE - GROUND FLOOR

UNIT NO.	UNIT TYPE	DESCRIPTION	COOLING CAPACITY (KW)	BTU	MAKE	MODEL NO.	REFRIGERANT	POWER SUPPLY
IDU-01	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.52	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
IDU-02	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.52	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
IDU-03	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.52	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
IDU-04	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.52	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
IDU-05	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.52	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
IDU-06	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.52	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
IDU-07	CEILING CASSETTE UNIT	CASSETTE UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	10.0	34,100	DAIKIN	FCQ100KAVEA	R410A	3PHASE, 415VOLT.S, 50HZ AC
IDU-08	CEILING CASSETTE UNIT	CASSETTE UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	7.1	24,200	DAIKIN	FCQ71KAVEA	R410A	1PHASE, 240VOLT.S, 50HZ AC
IDU-09	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.52	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC

AIR-CONDITIONING OUTDOOR UNIT SCHEDULE - GROUND FLOOR

UNIT NO.	UNIT TYPE	DESCRIPTION	COOLING CAPACITY (KW)	BTU	MAKE	MODEL NO.	REFRIGERANT	POWER SUPPLY
ODU-01	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.52	12,000	DAIKIN	RN35FAXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
ODU-02	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.52	12,000	DAIKIN	RN35FAXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
ODU-03	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.52	12,000	DAIKIN	RN35FAXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
ODU-04	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.52	12,000	DAIKIN	RN35FAXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
ODU-05	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.52	12,000	DAIKIN	RN35FAXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
ODU-06	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.52	12,000	DAIKIN	RN35FAXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC
ODU-07	CEILING CASSETTE UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	10.0	34,100	DAIKIN	RZR100WVM	R410A	3PHASE, 415VOLT.S, 50HZ AC
ODU-08	CEILING CASSETTE UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	7.1	24,200	DAIKIN	RZR71MVM	R410A	1PHASE, 240VOLT.S, 50HZ AC
ODU-09	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.52	12,000	DAIKIN	RN35FAXV1	R410A	1PHASE, 240VOLT.S, 50HZ AC

EXHAUST FAN SCHEDULE

UNIT NO.	DESCRIPTION	AIR FLOW (LPS)	MAKE	MODEL NO.	POWER SUPPLY
EF-01	CEILING MOUNTED EXHAUST FAN	100	HPM	EF290RDMS	1PHASE, 240VOLT.S, 50Hz POWER CONSUMPTION: 38W

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SHEET TITLE
PROPOSED MECHANICAL SERVICES SCHEDULE - GROUND FLOOR

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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DATE: 28 FEB 2025	Job No.: 014
SCALE: AS SHOWN	Sheet No.: M2
DRAWN: S.H.W	
DESIGN: S.H.W	Rev 1

- NOTES:**
- AIR CONDITIONING UNITS SHALL BE INSTALLED ACCORDING TO MANUFACTURERS RECOMMENDATION AND TECHNICAL SPECIFICATIONS.
 - THE AIR-CONDITIONING SYSTEM IS DESIGNED ON DC INVERTER TECHNOLOGY BASED ON DAIKIN SPLIT TYPE AIR-CONDITIONERS
MECHANICAL SERVICES CONTRACTOR CAN OFFER MATCHING "EQUAL-ALTERNATIVES, BACKED UP ON FULL TECHNICAL INFORMATION FOR EVALUATION AND COMPARISON BY ENGINEER FOR ENERGY EFFICIENCY, PERFORMANCE, POWER-CONSUMPTION AND LIFE CYCLE COSTING
 - OUTDOOR UNITS TO BE TREATED FOR HEAT AND RUST CORROSION RESISTANCE FOR USE IN AREAS HAVING HIGH SALT AND ATMOSPHERIC POLLUTION
 - ELECTRICAL CONTRACTOR SHALL PROVIDE WEATHER-PROOF ISOLATORS FOR OUTDOOR UNITS.
 - ALL COOLING CAPACITIES BASED ON:
INDOOR TEMP : 27°CDB, 19°CWB
OUTDOOR TEMP : 35°CDB, 24°CWB

AIR-CONDITIONING INDOOR UNIT SCHEDULE - FIRST FLOOR

UNIT NO.	UNIT TYPE	DESCRIPTION	COOLING CAPACITY (KW)	BTU	MAKE	MODEL NO.	REFRIGERANT	POWER SUPPLY
IDU-10	CEILING CASSETTE UNIT	CASSETTE UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	10.0	34,100	DAIKIN	FCQ100KAVEA	R410A	3PHASE, 415VOLTS, 50HZ AC
IDU-11	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.52	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLTS, 50HZ AC
IDU-12	CEILING CASSETTE UNIT	CASSETTE UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	10.5	36,000	DAIKIN	FCRN100FXV1	R410A	3PHASE, 415VOLTS, 50HZ AC
IDU-13	CEILING CASSETTE UNIT	CASSETTE UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	10.5	36,000	DAIKIN	FCRN100FXV1	R410A	3PHASE, 415VOLTS, 50HZ AC
IDU-14	CEILING CASSETTE UNIT	CASSETTE UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	10.0	34,100	DAIKIN	FCQ100KAVEA	R410A	3PHASE, 415VOLTS, 50HZ AC
IDU-15	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.51	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLTS, 50HZ AC
IDU-16	CEILING CASSETTE UNIT	CASSETTE UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	10.0	34,100	DAIKIN	FCQ100KAVEA	R410A	3PHASE, 415VOLTS, 50HZ AC
IDU-17	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.51	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLTS, 50HZ AC
IDU-18	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.51	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLTS, 50HZ AC
IDU-19	WALL MOUNTED UNIT	HIGH WALL MOUNTED UNIT WITH INDIVIDUAL WIRED REMOTE CONTROLLER	3.51	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLTS, 50HZ AC

AIR-CONDITIONING OUTDOOR UNIT SCHEDULE - FIRST FLOOR

UNIT NO.	UNIT TYPE	DESCRIPTION	COOLING CAPACITY (KW)	BTU	MAKE	MODEL NO.	REFRIGERANT	POWER SUPPLY
ODU-10	CEILING CASSETTE UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	10.0	34,100	DAIKIN	RZR100MVM	R410A	3PHASE, 415VOLTS, 50HZ AC
ODU-11	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.52	12,000	DAIKIN	RM35FAXV1	R410A	1PHASE, 240VOLTS, 50HZ AC
ODU-12	CEILING CASSETTE UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	10.5	36,000	DAIKIN	RR100DAXV1	R410A	3PHASE, 415VOLTS, 50HZ AC
ODU-13	CEILING CASSETTE UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	10.5	36,000	DAIKIN	RR100DAXV1	R410A	3PHASE, 415VOLTS, 50HZ AC
ODU-14	CEILING CASSETTE UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	10.0	34,100	DAIKIN	RZR100MVM	R410A	3PHASE, 415VOLTS, 50HZ AC
ODU-15	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.51	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLTS, 50HZ AC
ODU-16	CEILING CASSETTE UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	10.0	34,100	DAIKIN	RZR100MVM	R410A	3PHASE, 415VOLTS, 50HZ AC
ODU-17	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.51	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLTS, 50HZ AC
ODU-18	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.51	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLTS, 50HZ AC
ODU-19	WALL MOUNTED UNIT	OUTDOOR UNIT SPLIT TYPE, DC INVERTER COMPRESSOR WITH ANTI CORROSION TREATMENT	3.51	12,000	DAIKIN	FTN35PXV1	R410A	1PHASE, 240VOLTS, 50HZ AC

EXHAUST FAN SCHEDULE

UNIT NO.	DESCRIPTION	AIR FLOW (LPS)	MAKE	MODEL NO.	POWER SUPPLY
EF-01	CEILING MOUNTED EXHAUST FAN	100	HPM	EF250RDMS	1PHASE, 240VOLTS, 50HZ POWER CONSUMPTION: 38W

NOTES:

- AIR CONDITIONING UNITS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATION AND TECHNICAL SPECIFICATIONS.
- THE AIR-CONDITIONING SYSTEM IS DESIGNED ON DC INVERTER TECHNOLOGY BASED ON DAIKIN SPLIT TYPE AIR-CONDITIONERS
MECHANICAL SERVICES CONTRACTOR CAN OFFER MATCHING "EQUAL" ALTERNATIVES, BACKED UP ON WITH FULL TECHNICAL INFORMATION FOR EVALUATION AND COMPARISON BY ENGINEER FOR ENERGY EFFICIENCY, PERFORMANCE, POWER-CONSUMPTION AND LIFE CYCLE COSTING
- OUTDOOR UNITS TO BE TREATED FOR HEAT AND RUST CORROSION RESISTANCE FOR USE IN AREAS HAVING HIGH SALT AND ATMOSPHERIC POLLUTION
- ELECTRICAL CONTRACTOR SHALL PROVIDE WEATHER-PROOF ISOLATORS FOR OUTDOOR UNITS.
- ALL COOLING CAPACITIES BASED ON:
INDOOR TEMP : 27°CDB, 19°CWB
OUTDOOR TEMP : 35°CDB, 24°CWB

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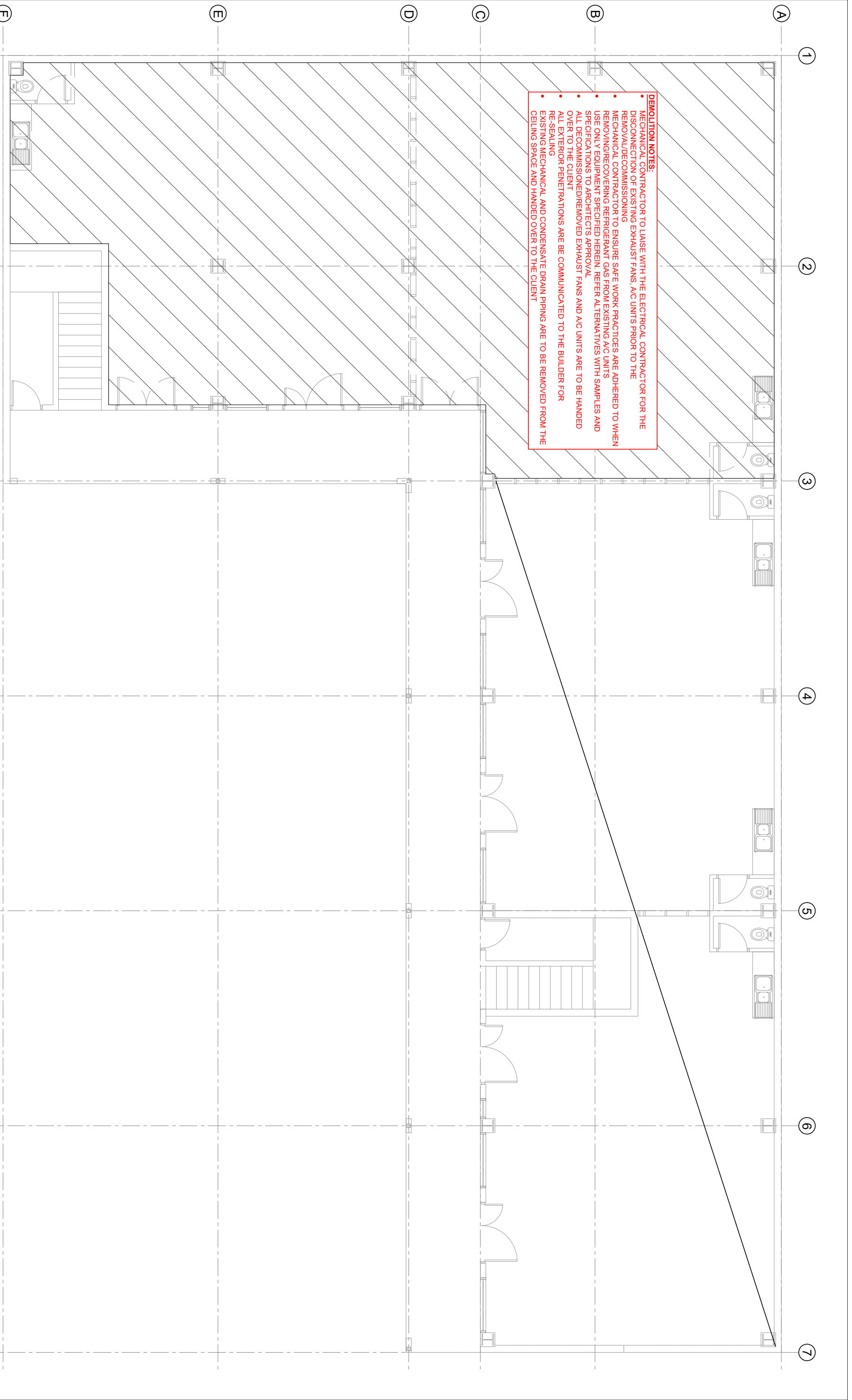
SHEET TITLE
PROPOSED MECHANICAL SERVICES SCHEDULE - FIRST FLOOR

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
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PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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DATE:	28 FEB 2025	Job No.:	014
SCALE:	AS SHOWN	Sheet No.:	M3
DRAWN:	S.H.W		
DESIGN:	S.H.W	Rev	1



DEMOLITION NOTES:

- MECHANICAL CONTRACTOR TO LAISE WITH THE ELECTRICAL CONTRACTOR FOR THE DISCONNECTION OF EXISTING EXHAUST FANS, A/C UNITS PRIOR TO THE REMOVAL/DECOMMISSIONING
- MECHANICAL CONTRACTOR TO ENSURE SAFE WORK PRACTICES ARE ADHERED TO WHEN REMOVING/RECOVERING REFRIGERANT GAS FROM EXISTING A/C UNITS
- USE ONLY EQUIPMENT SPECIFIED HEREIN. REFER ALTERNATIVES WITH SAMPLES AND SPECIFICATIONS TO ARCHITECTS APPROVAL
- ALL DECOMMISSIONED/REMOVED EXHAUST FANS AND A/C UNITS ARE TO BE HANDED OVER TO THE CLIENT
- ALL EXTERIOR PENETRATIONS ARE BE COMMUNICATED TO THE BUILDER FOR RE-SEALING
- EXISTING MECHANICAL AND CONDENSATE DRAIN PIPING ARE TO BE REMOVED FROM THE CEILING SPACE AND HANDED OVER TO THE CLIENT

1 EXISTING GROUND FLOOR LAYOUT

Scale 1:100

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SHEET TITLE
EXISTING GROUND FLOOR LAYOUT

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1	TENDER ISSUE	28/02/2025
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3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

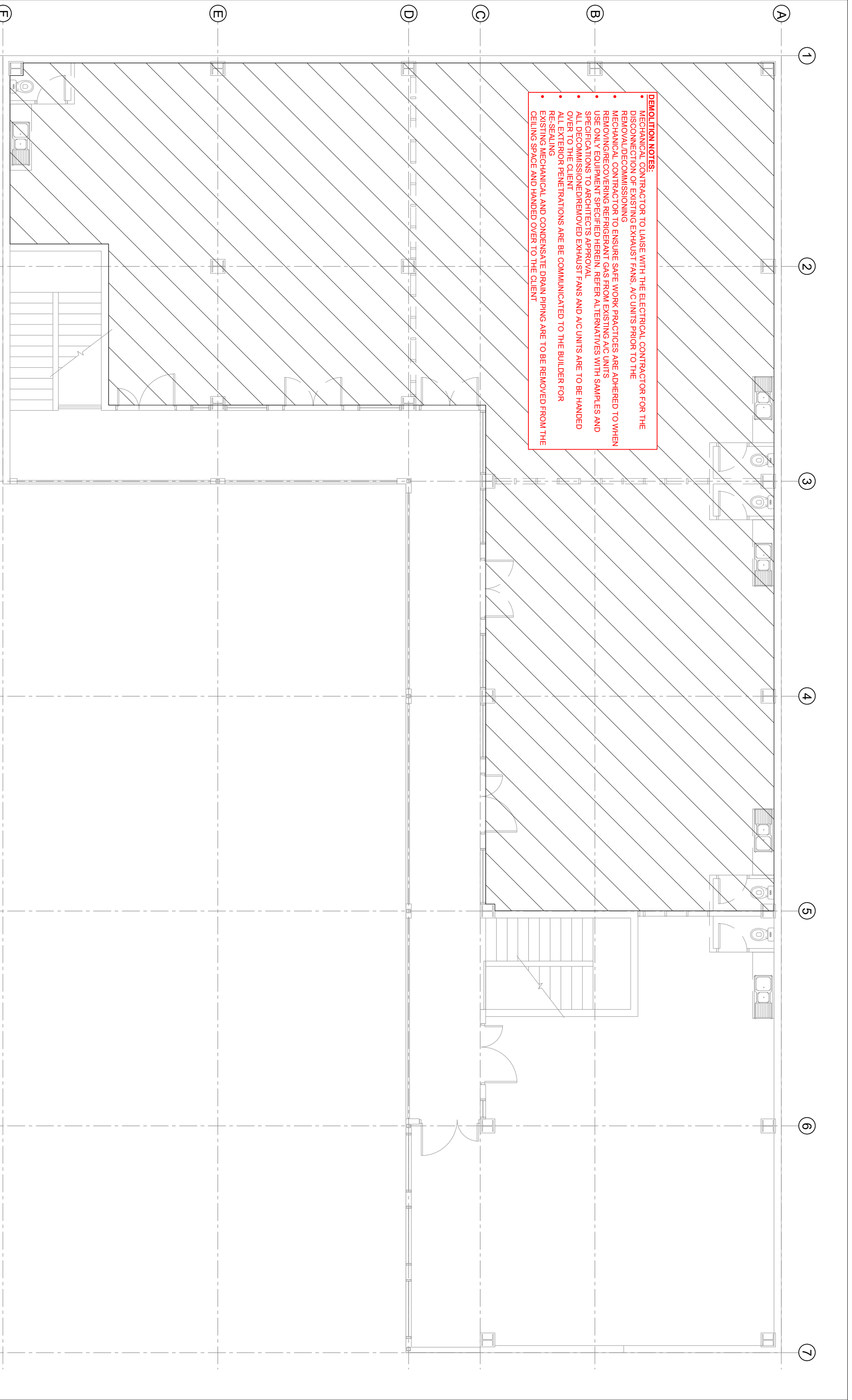
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DATE: 28 FEB 2025
SCALE: AS SHOWN
DRAWN: S.H.W
DESIGN: S.H.W

Job No.: 014
Sheet No.: M4
Rev 1

DEMOLITION NOTES:

- MECHANICAL CONTRACTOR TO LAISE WITH THE ELECTRICAL CONTRACTOR FOR THE DISCONNECTION OF EXISTING EXHAUST FANS, A/C UNITS PRIOR TO THE REMOVAL/DECOMMISSIONING
- MECHANICAL CONTRACTOR TO ENSURE SAFE WORK PRACTICES ARE ADHERED TO WHEN REMOVING/RECOVERING REFRIGERANT GAS FROM EXISTING A/C UNITS
- USE ONLY EQUIPMENT SPECIFIED HEREIN. REFER ALTERNATIVES WITH SAMPLES AND SPECIFICATIONS TO ARCHITECTS APPROVAL
- ALL DECOMMISSIONED/REMOVED EXHAUST FANS AND A/C UNITS ARE TO BE HANDED OVER TO THE CLIENT
- ALL EXTERIOR PENETRATIONS ARE BE COMMUNICATED TO THE BUILDER FOR RE-SEALING
- EXISTING MECHANICAL AND CONDENSATE DRAIN PIPING ARE TO BE REMOVED FROM THE CEILING SPACE AND HANDED OVER TO THE CLIENT



2 EXISTING FIRST FLOOR LAYOUT

Scale 1:100

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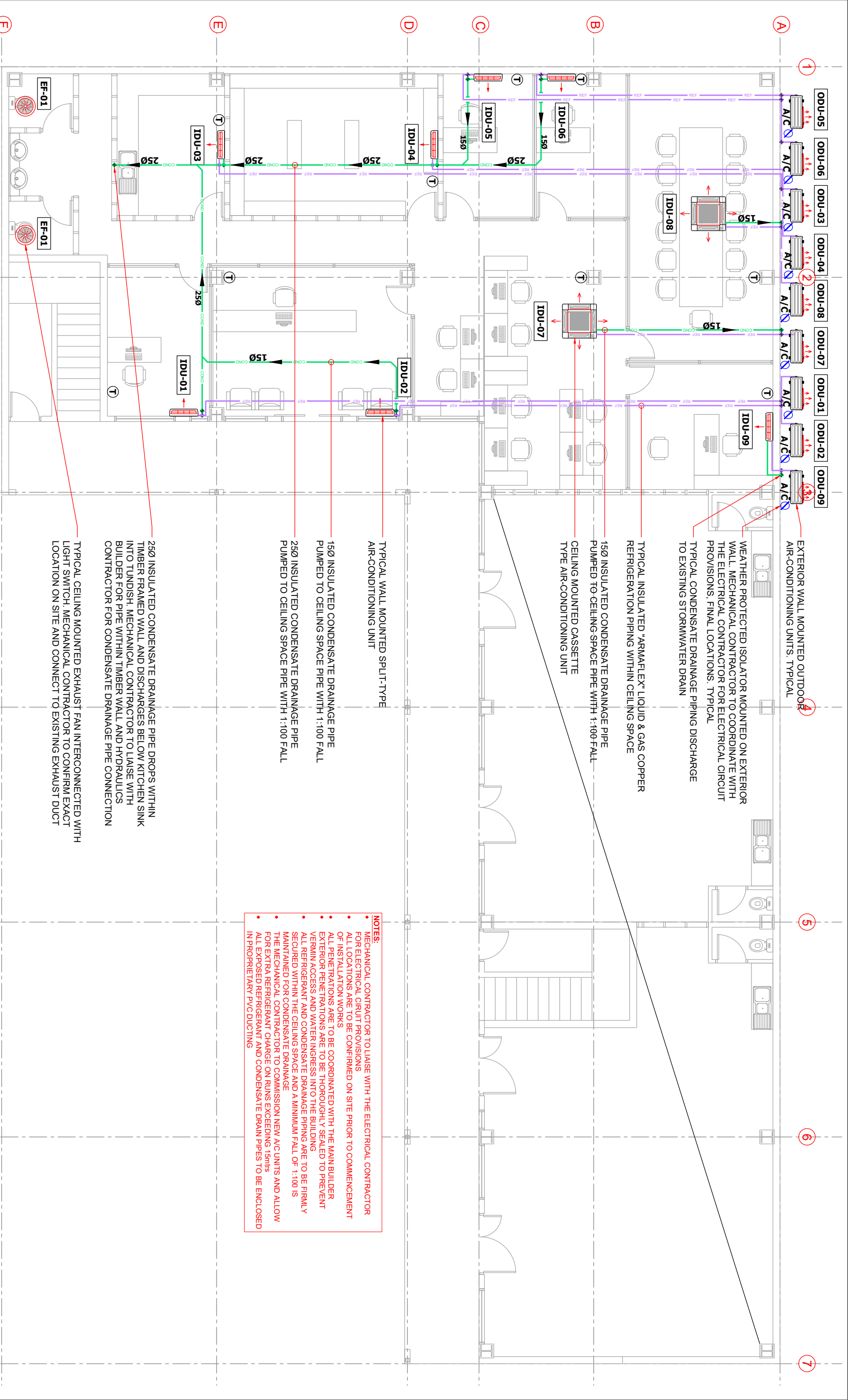
SHEET TITLE
EXISTING FIRST FLOOR LAYOUT

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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DATE: 28 FEB 2025	Job No.: 014
SCALE: AS SHOWN	Sheet No.: M5
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DESIGN: S.H.W	Rev 1



3 PROPOSED GROUND FLOOR MECHANICAL SERVICES LAYOUT

Scale 1:100

- EXTERIOR WALL MOUNTED OUTDOOR AIR-CONDITIONING UNITS, TYPICAL
- WEATHER PROTECTED ISOLATOR MOUNTED ON EXTERIOR WALL. MECHANICAL CONTRACTOR TO COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR ELECTRICAL CIRCUIT PROVISIONS, FINAL LOCATIONS, TYPICAL
- TYPICAL CONDENSATE DRAINAGE PIPING DISCHARGE TO EXISTING STORMWATER DRAIN
- TYPICAL INSULATED "ARMARLEX" LIQUID & GAS COPPER REFRIGERATION PIPING WITHIN CEILING SPACE
- 150 INSULATED CONDENSATE DRAINAGE PIPE PUMPED TO CEILING SPACE PIPE WITH 1:100 FALL
- CEILING MOUNTED CASSETTE TYPE AIR-CONDITIONING UNIT
- TYPICAL WALL MOUNTED SPLIT-TYPE AIR-CONDITIONING UNIT
- 150 INSULATED CONDENSATE DRAINAGE PIPE PUMPED TO CEILING SPACE PIPE WITH 1:100 FALL
- 250 INSULATED CONDENSATE DRAINAGE PIPE PUMPED TO CEILING SPACE PIPE WITH 1:100 FALL
- 250 INSULATED CONDENSATE DRAINAGE PIPE DROPS WITHIN TIMBER FRAMED WALL AND DISCHARGES BELOW KITCHEN SINK INTO TUNDISH. MECHANICAL CONTRACTOR TO LAISE WITH BUILDER FOR PIPE WITHIN TIMBER WALL AND HYDRAULICS CONTRACTOR FOR CONDENSATE DRAINAGE PIPE CONNECTION
- TYPICAL CEILING MOUNTED EXHAUST FAN INTERCONNECTED WITH LIGHT SWITCH. MECHANICAL CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE AND CONNECT TO EXISTING EXHAUST DUCT

NOTES:

- MECHANICAL CONTRACTOR TO LAISE WITH THE ELECTRICAL CONTRACTOR FOR ELECTRICAL CIRCUIT PROVISIONS
- ALL LOCATIONS ARE TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF INSTALLATION WORKS
- ALL PENETRATIONS ARE TO BE COORDINATED WITH THE MAIN BUILDER
- EXTERIOR PENETRATIONS ARE TO BE THOROUGHLY SEALED TO PREVENT VERMIN ACCESS AND WATER INGRESS INTO THE BUILDING
- ALL REFRIGERANT AND CONDENSATE DRAINAGE PIPING ARE TO BE FIRMLY SECURED WITHIN THE CEILING SPACE AND A MINIMUM FALL OF 1:100 IS MAINTAINED FOR CONDENSATE DRAINAGE
- THE MECHANICAL CONTRACTOR TO COMMISSION NEW AC UNITS AND ALLOW FOR EXTRA REFRIGERANT CHARGE ON RUNS EXCEEDING 15mts
- ALL EXPOSED REFRIGERANT AND CONDENSATE DRAIN PIPES TO BE ENCLOSED IN PROPRIETARY PVC DUCTING

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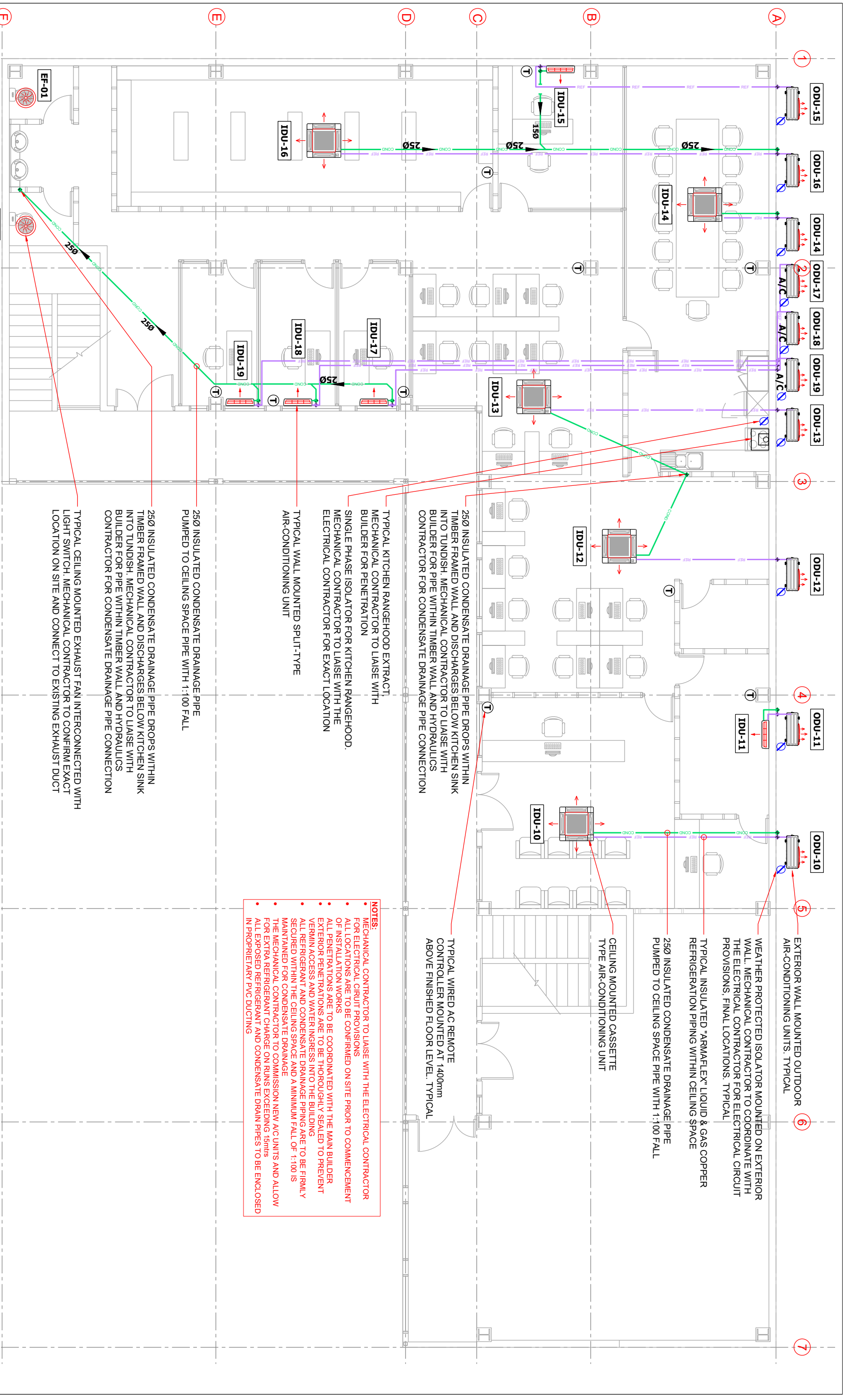
SHEET TITLE
PROPOSED GROUND FLOOR MECHANICAL SERVICES LAYOUT

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
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PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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DESIGN: S.H.W	Rev 1



4 PROPOSED FIRST FLOOR MECHANICAL SERVICES LAYOUT

Scale 1:100

NOTES:

- MECHANICAL CONTRACTOR TO LAISE WITH THE ELECTRICAL CONTRACTOR FOR ELECTRICAL CIRUIT PROVISIONS
- ALL LOCATIONS ARE TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF INSTALLATION WORKS
- ALL PENETRATIONS ARE TO BE COORDINATED WITH THE MAIN BUILDER
- EXTERIOR PENETRATIONS ARE TO BE THOROUGHLY SEALED TO PREVENT VERMIN ACCESS AND WATER INGRESS INTO THE BUILDING
- ALL REFRIGERANT AND CONDENSATE DRAINAGE PIPING ARE TO BE FIRML Y SECURED WITHIN THE CEILING SPACE AND A MINIMUM FALL OF 1:100 IS MAINTAINED FOR CONDENSATE DRAINAGE
- THE MECHANICAL CONTRACTOR TO COMMISSION NEW A/C UNITS AND ALLOW FOR EXTRA REFRIGERANT CHARGE ON RUNS EXCEEDING 15mtrs
- ALL EXPOSED REFRIGERANT AND CONDENSATE DRAIN PIPES TO BE ENCLOSED IN PROPRIETARY PVC DUCTING

250Ø INSULATED CONDENSATE DRAINAGE PIPE DROPS WITHIN TIMBER FRAMED WALL AND DISCHARGES BELOW KITCHEN SINK INTO TUNDISH. MECHANICAL CONTRACTOR TO LAISE WITH BUILDER FOR PIPE WITHIN TIMBER WALL AND HYDRAULICS CONTRACTOR FOR CONDENSATE DRAINAGE PIPE CONNECTION

250Ø INSULATED CONDENSATE DRAINAGE PIPE PUMPED TO CEILING SPACE PIPE WITH 1:100 FALL

TYPICAL KITCHEN RANGEHOOD EXTRACT. MECHANICAL CONTRACTOR TO LAISE WITH BUILDER FOR PENETRATION

SINGLE PHASE ISOLATOR FOR KITCHEN RANGEHOOD. MECHANICAL CONTRACTOR FOR EXACT LOCATION

TYPICAL WALL MOUNTED SPLIT-TYPE AIR-CONDITIONING UNIT

250Ø INSULATED CONDENSATE DRAINAGE PIPE DROPS WITHIN TIMBER FRAMED WALL AND DISCHARGES BELOW KITCHEN SINK INTO TUNDISH. MECHANICAL CONTRACTOR TO LAISE WITH BUILDER FOR PIPE WITHIN TIMBER WALL AND HYDRAULICS CONTRACTOR FOR CONDENSATE DRAINAGE PIPE CONNECTION

TYPICAL CEILING MOUNTED EXHAUST FAN INTERCONNECTED WITH LIGHT SWITCH. MECHANICAL CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE AND CONNECT TO EXISTING EXHAUST DUCT

250Ø INSULATED CONDENSATE DRAINAGE PIPE DROPS WITHIN TIMBER FRAMED WALL AND DISCHARGES BELOW KITCHEN SINK INTO TUNDISH. MECHANICAL CONTRACTOR TO LAISE WITH BUILDER FOR PIPE WITHIN TIMBER WALL AND HYDRAULICS CONTRACTOR FOR CONDENSATE DRAINAGE PIPE CONNECTION

TYPICAL KITCHEN RANGEHOOD EXTRACT. MECHANICAL CONTRACTOR TO LAISE WITH BUILDER FOR PENETRATION

SINGLE PHASE ISOLATOR FOR KITCHEN RANGEHOOD. MECHANICAL CONTRACTOR FOR EXACT LOCATION

TYPICAL WALL MOUNTED SPLIT-TYPE AIR-CONDITIONING UNIT

250Ø INSULATED CONDENSATE DRAINAGE PIPE PUMPED TO CEILING SPACE PIPE WITH 1:100 FALL

CEILING MOUNTED CASSETTE TYPE AIR-CONDITIONING UNIT

TYPICAL WIRED AC REMOTE CONTROLLER MOUNTED AT 1400mm ABOVE FINISHED FLOOR LEVEL. TYPICAL

WEATHER PROTECTED ISOLATOR MOUNTED ON EXTERIOR WALL. MECHANICAL CONTRACTOR TO COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR ELECTRICAL CIRCUIT PROVISIONS. FINAL LOCATIONS. TYPICAL

TYPICAL INSULATED "ARMAFLEX" LIQUID & GAS COPPER REFRIGERATION PIPING WITHIN CEILING SPACE

250Ø INSULATED CONDENSATE DRAINAGE PIPE PUMPED TO CEILING SPACE PIPE WITH 1:100 FALL

EXTERIOR WALL MOUNTED OUTDOOR AIR-CONDITIONING UNITS. TYPICAL

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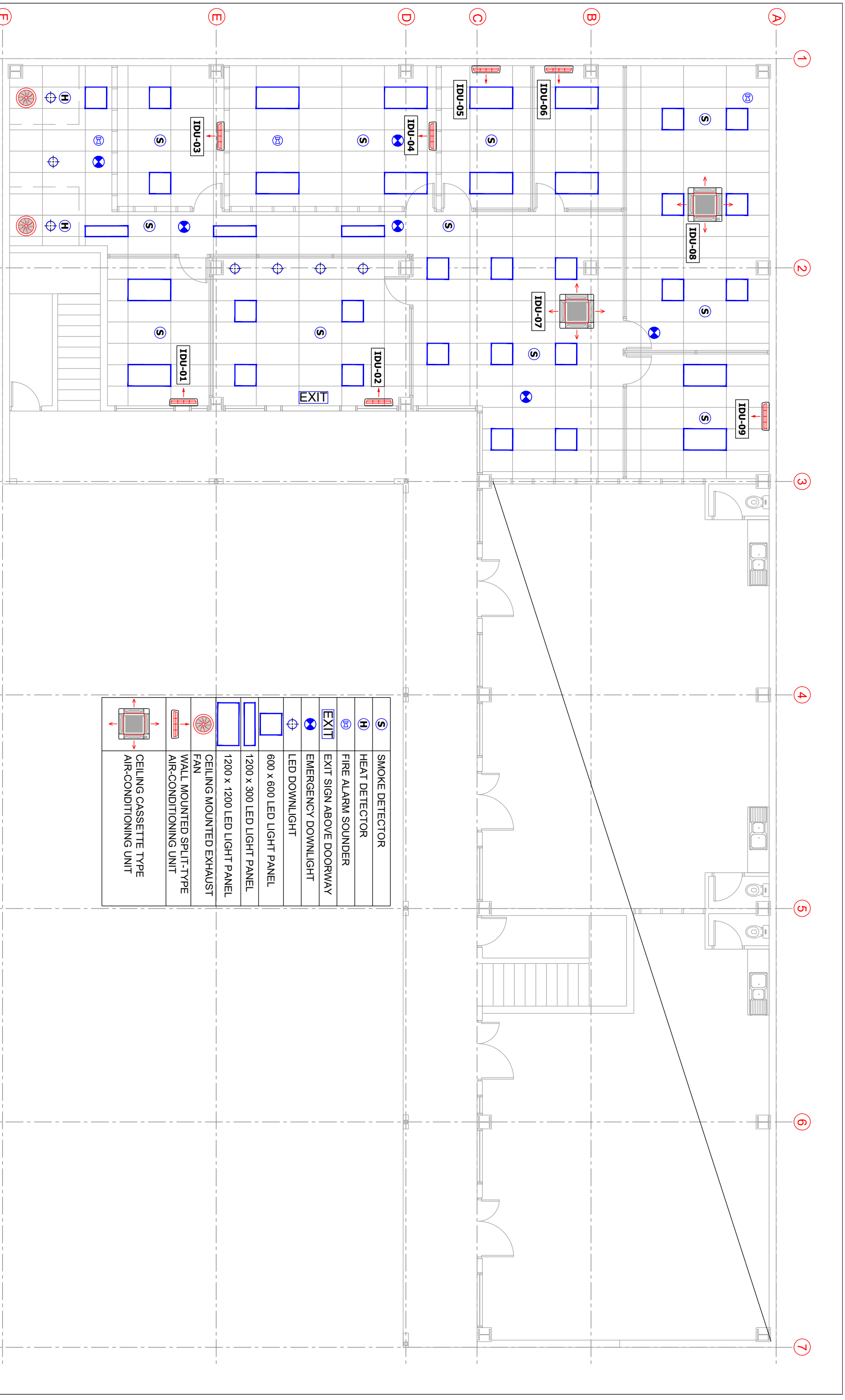
SHEET TITLE
PROPOSED FIRST FLOOR MECHANICAL SERVICES LAYOUT

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
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PROJECT
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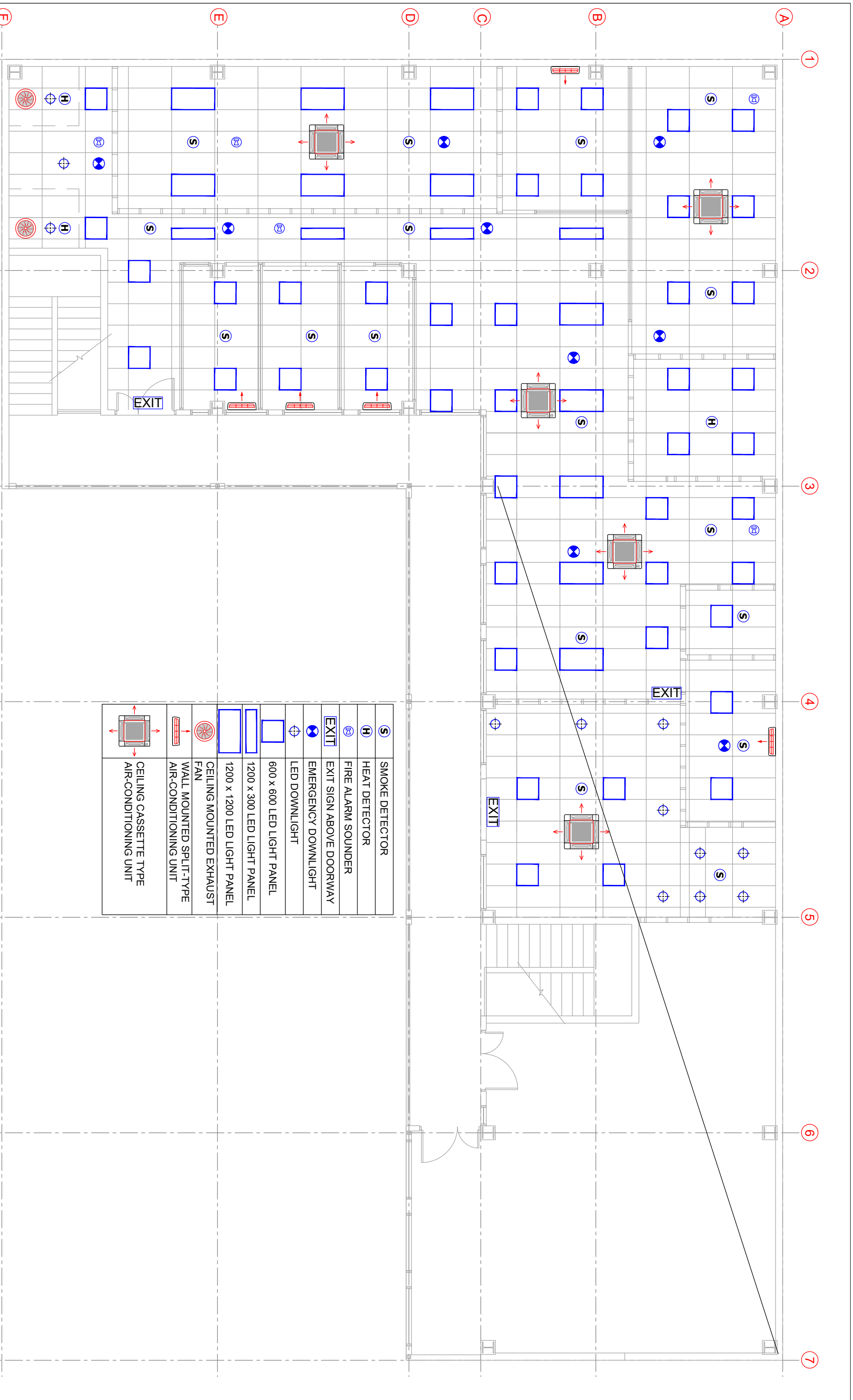


Ⓢ	SMOKE DETECTOR
Ⓜ	HEAT DETECTOR
Ⓜ	FIRE ALARM SOUNDER
EXIT	EXIT SIGN ABOVE DOORWAY
Ⓢ	EMERGENCY DOWNLIGHT
Ⓢ	LED DOWNLIGHT
Ⓢ	600 x 600 LED LIGHT PANEL
Ⓢ	1200 x 300 LED LIGHT PANEL
Ⓢ	1200 x 1200 LED LIGHT PANEL
Ⓢ	CEILING MOUNTED EXHAUST FAN
Ⓢ	WALL MOUNTED SPLIT-TYPE AIR-CONDITIONING UNIT
Ⓢ	CEILING CASSETTE TYPE AIR-CONDITIONING UNIT

5 PROPOSED GROUND FLOOR REFLECTED CEILING MECHANICAL SERVICES COORDINATED LAYOUT

Scale 1:100

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Rev	NOTES	DATE	PROJECT
1	TENDER ISSUE	28/02/2025	PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI
2			
3			
VOKAI CONSULTANTS Lot 1, Vainibokasi rd, Nausori Phone: (679) 3477 913 MOB: (679) 9232 532 Email: vokaiconsultants@gmail.com Building Design Consultants		DATE: 28 FEB 2025 SCALE: AS SHOWN DRAWN: S.H.W DESIGN: S.H.W	Job No.: 014 Sheet No.: M8



6 PROPOSED FIRST FLOOR REFLECTED CEILING MECHANICAL SERVICES COORDINATED LAYOUT

Scale 1:100

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SHEET TITLE
**PROPOSED FIRST FLOOR
 REFLECTED CEILING
 MECHANICAL SERVICES
 COORDINATED LAYOUT**

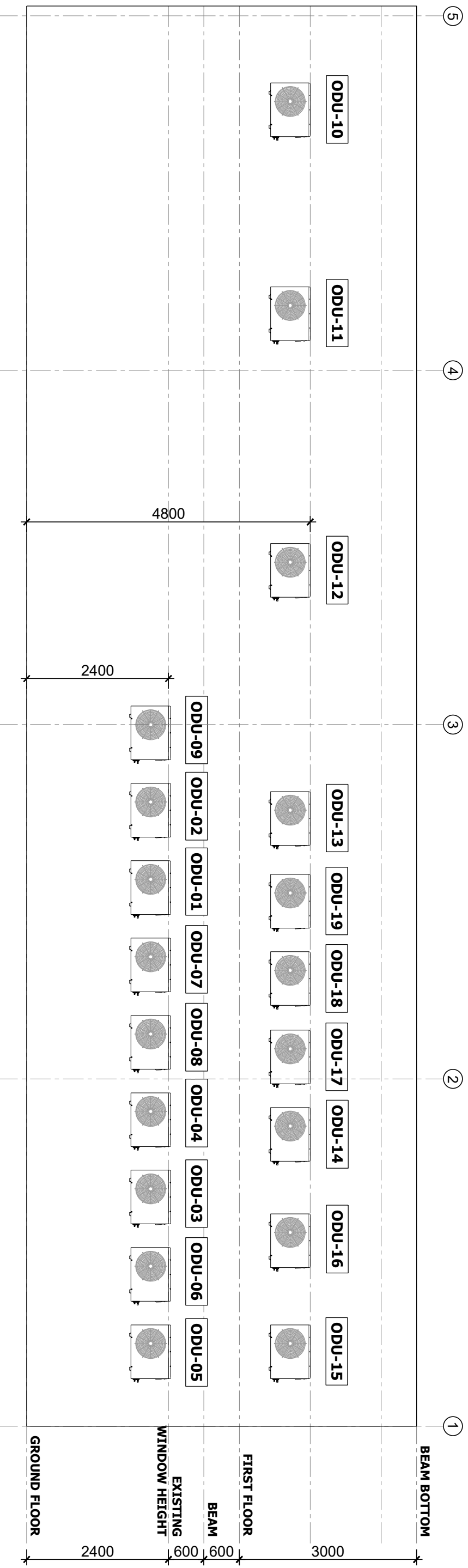
Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
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3		

PROJECT
**PROPOSED OFFICE FITOUT FOR TAUKEI
 LAND TRUST BOARD AT SANTOK
 INVESTMENT BUILDING, MARTINTAR,
 NADI**

VOKAI CONSULTANTS
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	SMOKE DETECTOR
	HEAT DETECTOR
	FIRE ALARM SOUNDER
	EXIT SIGN ABOVE DOORWAY
	EMERGENCY DOWNLIGHT
	LED DOWNLIGHT
	600 x 600 LED LIGHT PANEL
	1200 x 300 LED LIGHT PANEL
	1200 x 1200 LED LIGHT PANEL
	CEILING MOUNTED EXHAUST FAN
	WALL MOUNTED SPLIT-TYPE AIR-CONDITIONING UNIT
	CEILING CASSETTE TYPE AIR-CONDITIONING UNIT



PROPOSED AIR-CONDITIONING OUTDOOR UNITS MOUNTING HEIGHT LAYOUT

Scale 1:100

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SHEET TITLE
PROPOSED AIR-CONDITIONING OUTDOOR UNITS MOUNTING HEIGHT LAYOUT

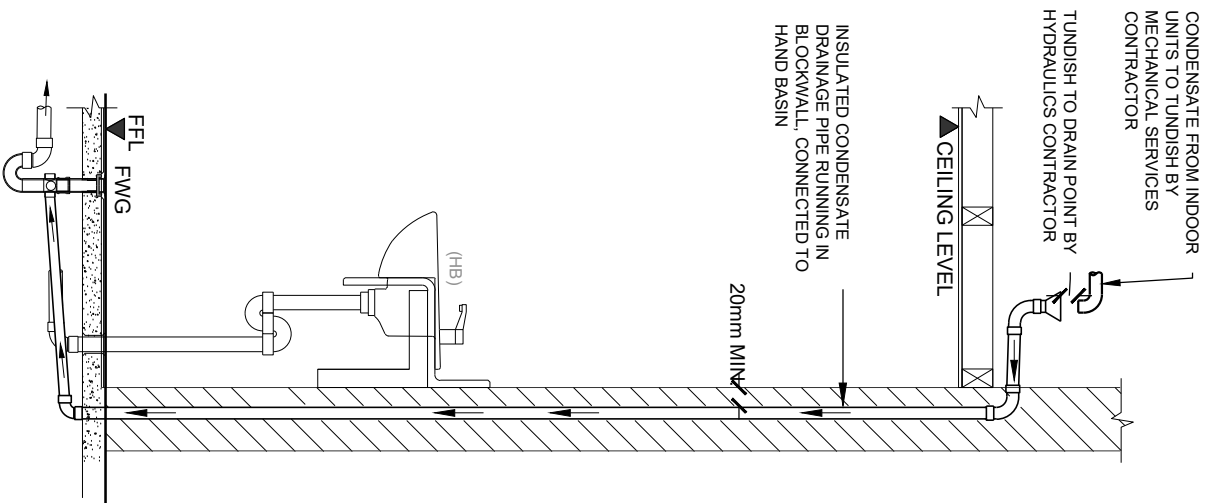
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PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

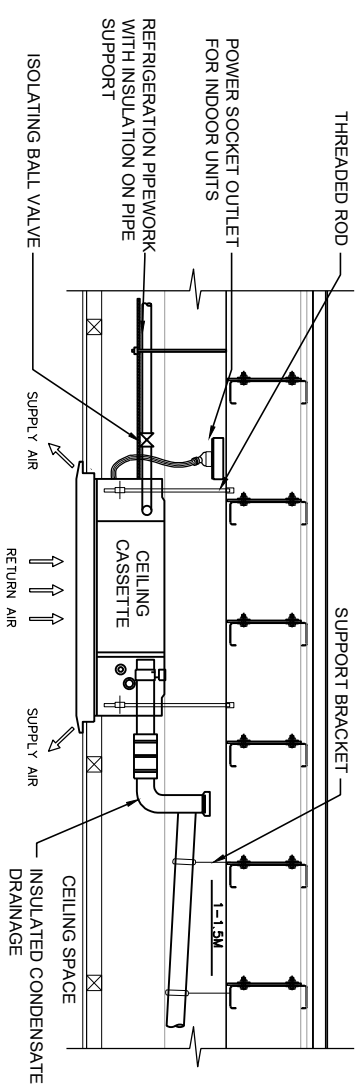
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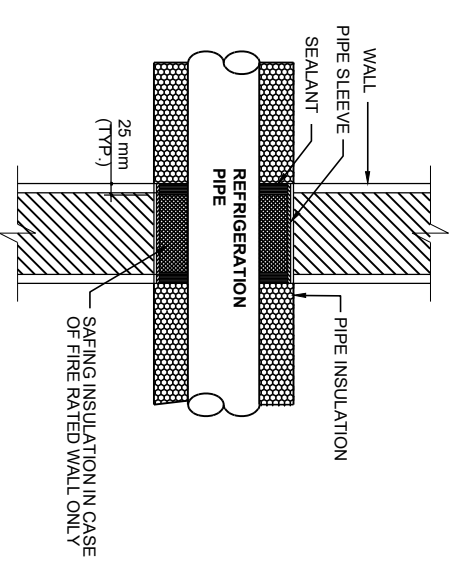
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Sheet No.: M10
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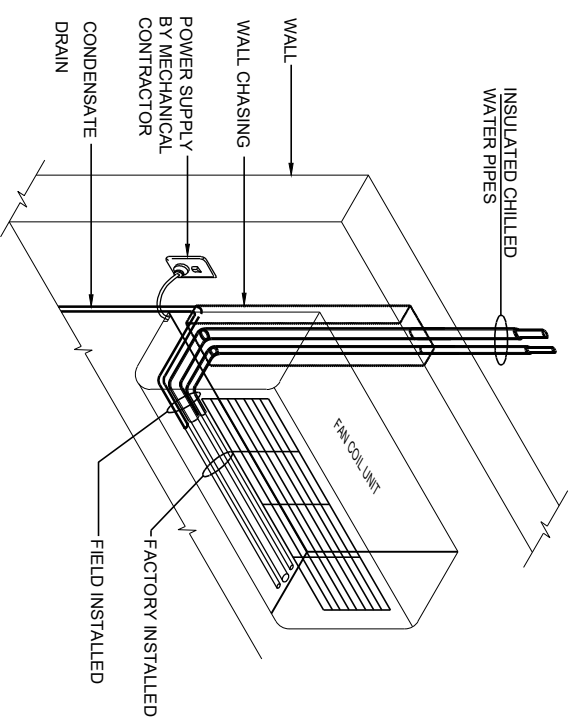
8 TUNDISH DETAIL
Scale N.T.S



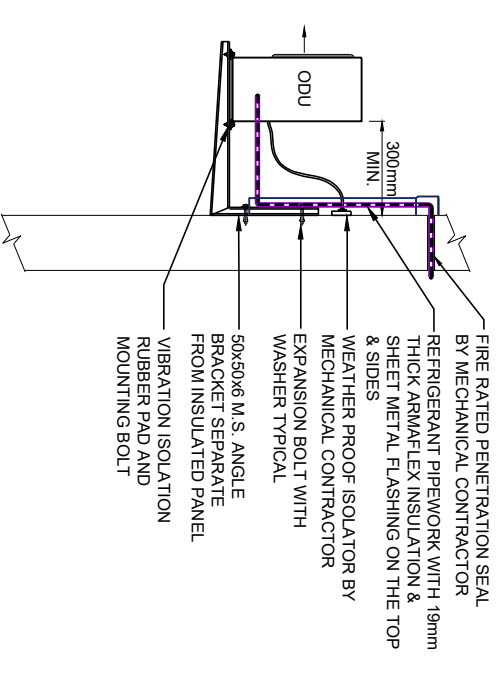
9 CEILING CASSETTE AIR-CONDITIONING UNIT DETAIL
Scale N.T.S



10 REFRIGERANT PIPING PENETRATION DETAIL
Scale N.T.S



11 WALL MOUNTED AIR-CONDITIONING UNIT DETAIL
Scale N.T.S



12 AIR-CONDITIONING OUTDOOR UNIT DETAIL
Scale N.T.S

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SHEET TITLE
MECHANICAL SERVICES DETAILS

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PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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FIRE PROTECTION SERVICES DRAWINGS

Proposed Office Fitout For Taukei Land Trust Board At Santok Investment Building, Martintar, Nadi

DRAWING INDEX			
DWG. No.	DESCRIPTION	DATE	REVISION
F0	DRAWING INDEX	28.02.25	1
F1	GENERAL NOTES AND SYMBOLS	28.02.25	1
F2	PROPOSED FIRE PROTECTION EQUIPMENT SCHEDULES	28.02.25	1
F3	EXISTING GROUND FLOOR LAYOUT	28.02.25	1
F4	EXISTING FIRST FLOOR LAYOUT	28.02.25	1
F5	PROPOSED GROUND FLOOR FIRE PROTECTION SERVICES LAYOUT	28.02.25	1
F6	PROPOSED FIRST FLOOR FIRE PROTECTION SERVICES LAYOUT	28.02.25	1
F7	PROPOSED GROUND FLOOR REFLECTED CEILING FIRE PROTECTION SERVICES LAYOUT	28.02.25	1
F8	PROPOSED FIRST FLOOR REFLECTED CEILING FIRE PROTECTION SERVICES LAYOUT	28.02.25	1
F9	FIRE PROTECTION SERVICES DETAILS	28.02.25	1

SHEET TITLE		Rev	NOTES	DATE	PROJECT	VOKAI CONSULTANTS	DATE: 28 FEB 2025	Job No.: 014
DRAWING INDEX		1	TENDER ISSUE	28/02/2025	PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI	Lot 1, Wainibokasi rd, Nausori Phone: (679) 3477 913 MOB: (679) 9232 532 E-mail: vokaiconsultants@gmail.com Building Design Consultants	SCALE: AS SHOWN	Sheet No: F0
		2					DRAWN: S.H.W	Rev
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GENERAL NOTES

THE MAIN CONTRACTOR WILL NEED TO PROVIDE SHOP DRAWINGS FOR THE COMPLETE FIRE PROTECTION SERVICES FOR ENGINEERS APPROVAL PRIOR TO COMMENCING ANY WORKS ON SITE

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT

FIRE PROTECTION CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE NFA REGARDING PERMITS, INSPECTION AND FINAL CERTIFICATION

FIRE EXTINGUISHERS SHOULD BE INSTALLED IN ACCORDANCE WITH NZS4503. EACH EXTINGUISHER SHALL BE FIXED ON A PROPRIETARY MOUNTING BRACKET. SIGNAGE SHALL BE PROVIDED FOR EACH EXTINGUISHER AND CONFIRM POSITIONS OF EXTINGUISHERS ON SITE BEFORE CARRYING OUT INSTALLATION WORKS

PORTABLE FIRE EXTINGUISHER AS PER (NPPA-10) REQUIREMENTS. ALL PORTABLE FIRE EXTINGUISHERS SHALL BE WALL MOUNTED EXTINGUISHER UNITS WEIGHING LESS THAN 18 KG SHALL BE MOUNTED SO THAT THE EXTINGUISHER TOP IS NOT MORE THAN 1.5M ABOVE THE FLOOR OR DECK LEVEL. EXTINGUISHER UNITS WEIGHING OVER 18 KG SHALL BE MOUNTED SO THAT EXTINGUISHER TOP IS NOT MORE THAN 1.05M ABOVE THE FLOOR OR DECK LEVEL. COORDINATE EXACT LOCATION OF ALL FIRE EXTINGUISHERS WITH ELECTRICAL PANEL LOCATION, SIZES ARCHITECTURAL ELEMENTS & LIGHTS SWITCHES. SUBMIT SHOP DRAWINGS FOR ENGINEERS APPROVAL

ALL FIRE HOSE REELS SHALL BE SUPPLIED AND INSTALLED AS PER NZS4504 AND NFA REQUIREMENTS

FIRE HOSE CABINET FIRE HOSE CABINET SHALL BE LOCATED NEAR EXITS OR ACCESS WAYS IN UNOBSTRUCTED AREAS SO THAT ALL AREAS OF A BUILDING INTERIOR MAY BE COVERED BY HOSE HAVING A LENGTH OF 36m, 19mm DIAMETER AND HOSE STREAM OF 6m. ALL FIRE HOSE CABINET SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATION AND NPPA 14

FIRE HYDRANTS TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH NZS4510

FHR PIPES ARE UPVC WHEN INSTALLED 600mm BELOW FINISHED LEVEL. AND GALVANIZED MILD STEEL PIPE ABOVE 600mm. ALL PIPES TO BE PRESSURE RATED TO 1.2 MPa (CLASS 12) MINIMUM

CONTRACTOR TO ALLOW FOR HEAT TYPE DETECTORS IN ALL CONCEALED SPACES MORE THAN 800mm

ALL FIRE FIGHTING EQUIPMENT SHALL BE SUPPLIED, INSTALLED AND COMMISSIONED AS PER NZS4503, NZS4504, NZS4506, NZS4507, NZS4508 AND NFA REQUIREMENTS. PROVIDE REMOTE SPACE INDICATORS IN CEILING SPACE BELOW CONCEALED SPACE DETECTORS

ALL CABLING SHALL BE INSTALLED ON SUPPORTS SUCH AS CATENARY WIRES AND / OR CONDUITS AND INSTALLED AS PER NZS4512 AND AS/NZS3000 REGULATIONS. ALL EXPOSED CABLING SHALL BE ENCLOSED IN MID UPVC CONDUITS (MIN OF DN20) AND SECURED TO THE STRUCTURE USING PROPRIETARY PVC SADDLE CLIPS

CONTRACTOR SHALL CONFIRM FINAL LOCATIONS OF ALL FIRE PROTECTION EQUIPMENT ON SITE PRIOR TO INSTALLATION. DRAWING SHOWS INDICATIVE AND PROPOSED LOCATIONS ONLY

FIRE SERVICES CONTRACTOR TO ALLOW FOR ALL RELEVANT COSTS ASSOCIATED WITH THE FIRE PROTECTION SERVICES WORKS. THIS INCLUDES COSTS OF ALL EQUIPMENT AND MATERIALS REQUIRED FOR THIS PROJECT. THE PRICE SHALL INCLUDE COSTS OF HIRING OF ANY PLANT AND EQUIPMENT SUCH AS CRANES, HOISTS, SCAFFOLDING, TRENCHING EQUIPMENT

THE FIRE SERVICES CONTRACTOR SHALL ALLOW ALL COSTS ASSOCIATED WITH GETTING NATIONAL FIRE AUTHORITY OF FIJI (NFA) INSPECTIONS AND CERTIFICATIONS INCLUDING ON SITE INSPECTIONS AND APPROVAL OF DOCUMENTATION

FIRE SERVICES CONTRACTOR TO PROVIDE FIRE ALARM SIGNAL CONTACTS, CABLES, SWITCHES, CONTACTORS, MONITORED POWER SUPPLIES, CONNECTION AND COMMISSIONING FROM FIP TO OTHER SERVICES SUCH AS MECHANICAL SERVICES, GAS SERVICES AND ELECTRICAL SERVICES TO ACTIVATE APPROPRIATE RESPONSE FROM THOSE SYSTEMS IN THE EVENT OF FIRE. ALLOW ALL RELEVANT COSTS FOR THESE WORKS

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SHEET TITLE
GENERAL NOTES

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PROJECT
Proposed Office Fitout for Taukei Land Trust Board at Santok Investment Building, Martintar, NADI

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ABBREVIATIONS



AFFL	ABOVE FINISHED FLOOR LEVEL
AMU	APARTMENT MODULE UNIT
CU	COPPER
CV	CHECK VALVE
CW	COLD/POTABLE WATER
DCV	DOUBLE CHECK VALVE
DN	NOMINAL DIAMETER
DP	DOWN PIPE
FA	FROM ABOVE
FB	FROM BELOW
FH	FIRE HYDRANT
FHR	FIRE HOSE REEL
FV	FLOAT AND BALL VALVE
GMS	GALVANISED MILD STEEL
HB	HAND BASIN
HT	HOSE TAP
HIL	HIGH LEVEL
IV	ISOLATION VALVE
L	LITERS
L/L	LOW LEVEL
MCP	MANUAL CALL POINT
NFA	NATIONAL FIRE AUTHORITY
SHR	SHOWER
TA	TO ABOVE
TB	TO BELOW
WAF	(WATER METER) WATER AUTHORITY OF FIJI
WC	WATER CLOSET
WM	WASHING MACHINE

LEGEND OF SYMBOLS









	APARTMENT MODULE UNIT
	FIRE INDICATOR PANEL
	36m FIRE HOSE REEL
	FIRE BLANKET
	MANUAL CALL POINT
	SMOKE DETECTOR
	HEAT DETECTOR
	CONCEALED SPACE SMOKE DETECTOR
	CONCEALED SPACE HEAT DETECTOR
	REMOTE INDICATOR (CONCEALED DETECTOR)
	CEILING RECESSED AUDIBLE ALERTING DEVICE
	AUDIBLE ALERTING DEVICE PORTABLE
	DRY CHEMICAL EXTINGUISHER (MULTI PURPOSE 9KG)
	PORTABLE WET CHEMICAL EXTINGUISHER (9KG)
	PORTABLE CARBON DIOXIDE EXTINGUISHER (9KG)
	IN GROUND FIRE HYDRANT
	FIRE DEPARTMENT CONNECTION WITH CHECK VALVE

LINE TYPES

DESCRIPTION	LINE TYPE
FIRE CABLING	— — — — —
FIRE CONDUIT	————— F —————
FIRE HOSE REEL WATER SUPPLY	————— FHR —————
FIRE HYDRANT	— FH ——— FH ——— FH ———

SYMBOL	DESCRIPTION	CAPACITY (KG)	EFFECTIVE RANGE (MTRS)	DIMENSION (H x W x D) (mm)	PRODUCT / BRAND	IMAGE
	DRY POWDER ABC FIRE EXTINGUISHER	2.70	4.00	405 x 173 x 110	NAFFCO OR APPROVED EQUIVALENT	

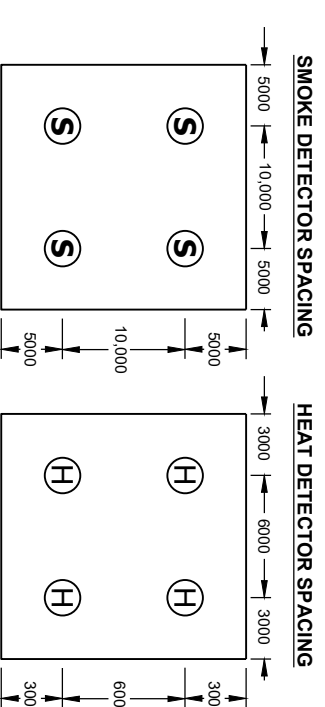
FIRE EQUIPMENT SCHEDULES

SYMBOL	DESCRIPTION	FEATURES	OPERATING VOLTAGE	SOUND PRESSURE LEVEL	PRODUCT / BRAND	IMAGE
[M]	MANUAL CALL POINT	-BUILT IN SHORT CIRCUIT ISOLATOR WITH BYPASS JUMPER -LOW PROFILE DESIGN -ELECTRONIC COMPONENTS PROTECTED FROM DAMAGE -FULLY COMPLIES WITH NZS 4512:2003 -CONNECTS TO F100A or F120A LOOPS	15 TO 32 Vdc	N/A	PERTRONIC, TYCO JOHNSON CONTROLS / APOLLO OR OTHER APPROVED EQUIVALENT	
[S]	SMOKE DETECTOR	-SLEEK,LOW PROFILE DESIGN -ADDRESSABLE COMMUNICATIONS -VARIABLE SENSITIVITY TO SMOKE -LOW STANDBY CURRENT -DUAL RED LED FOR 360° VISIBILITY	15 TO 32 Vdc	N/A	PERTRONIC, TYCO JOHNSON CONTROLS / APOLLO OR OTHER APPROVED EQUIVALENT	
[H]	HEAT DETECTOR	-SLEEK,LOW PROFILE DESIGN -ADDRESSABLE COMMUNICATION -CONFIGURABLE SENSITIVITY TO HEAT -LOW STANDBY CURRENT -DUAL RED LEDS FOR 360° VISIBILITY	15 TO 32 Vdc	N/A	PERTRONIC, TYCO JOHNSON CONTROLS / APOLLO OR OTHER APPROVED EQUIVALENT	
[FB]	FIRE BLANKET	(1.1 x 1.1)			PERTRONIC, TYCO JOHNSON CONTROLS / APOLLO OR OTHER APPROVED EQUIVALENT	
	HORN SPEAKERS	-IP66 RATED FOR EXTERNAL INSTALLATION -HIGH PITCH -110° DISPERSION ANGLE	5 VOLTS	1W @ 1M - 104dB 10W @ 1M - 114dB	PERTRONIC, TYCO JOHNSON CONTROLS / APOLLO OR OTHER APPROVED EQUIVALENT	
	CEILING RECESSED SPEAKERS	-WIDE FREQUENCY SUITABLE FOR PUBLIC ADDRESS (PA) AND BACKGROUND MUSIC -HIGH AUDIO QUALITY SUITABLE FOR EMERGENCY WARNING SYSTEMS -COMPATIBLE WITH EMIS LINE SUPERVISION SYSTEMS -FULLY COMPLIES WITH AS 1670.4	5 W @ 100 Vrms	92.7 dB SPL at 1 Watt, 1 metre (+/- 2 dB)	PERTRONIC, TYCO JOHNSON CONTROLS / APOLLO OR OTHER APPROVED EQUIVALENT	

FIRE ALARM AND DETECTION SYSTEM

- ALL DETECTORS SUPPLIED AND INSTALLED ARE TO BE ANALOG / ADDRESSABLE TYPE
- THE FIRE ALARM SYSTEM SHALL BE DESIGNED, INSTALLED, TESTED AND CERTIFIED TO COMPLY WITH THE LATEST VERSION OF NZS 2021
- THE FIRE ALARM SYSTEM SHALL BE CONNECTED TO THE FIJI NATIONAL FIRE AUTHORITY (NFA) CENTRAL COMMUNICATIONS PLATFORM USING THE NFA SUPPLIED ASE (ALARM SIGNALING UNIT). ALLOW ALL RELEVANT COSTS INCLUDING EQUIPMENT SUPPLY, ANTENNA, CABLING, POWER SUPPLIES AND RELEVANT NFA CHARGES.
- THE FIRE ALARM SYSTEM SHALL ALSO PROVIDE VOLTAGE-FREE OPTO-ISOLATED RELAY CONTACTS TO SIGNAL THE FOLLOWING 3 STATUS SEPARATELY: NORMAL / DEFECT / FIRE
- ALL COMPONENTS OF THE FIRE ALARM SYSTEMS SHALL BE PROVIDED BY A SPECIALIST MANUFACTURER WITH NON-EXCLUSIVE DEALERSHIP / REPRESENTATION IN FIJI. PROPRIETARY SYSTEMS WITH LIMITED COMMERCIAL AND TECHNICAL ACCESS TO LESS THAN THREE INDEPENDENT VENDORS ARE NOT ACCEPTABLE.

FIRE ALARM AND DETECTION SYSTEM



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PROPOSED FIRE PROTECTION EQUIPMENT SCHEDULES

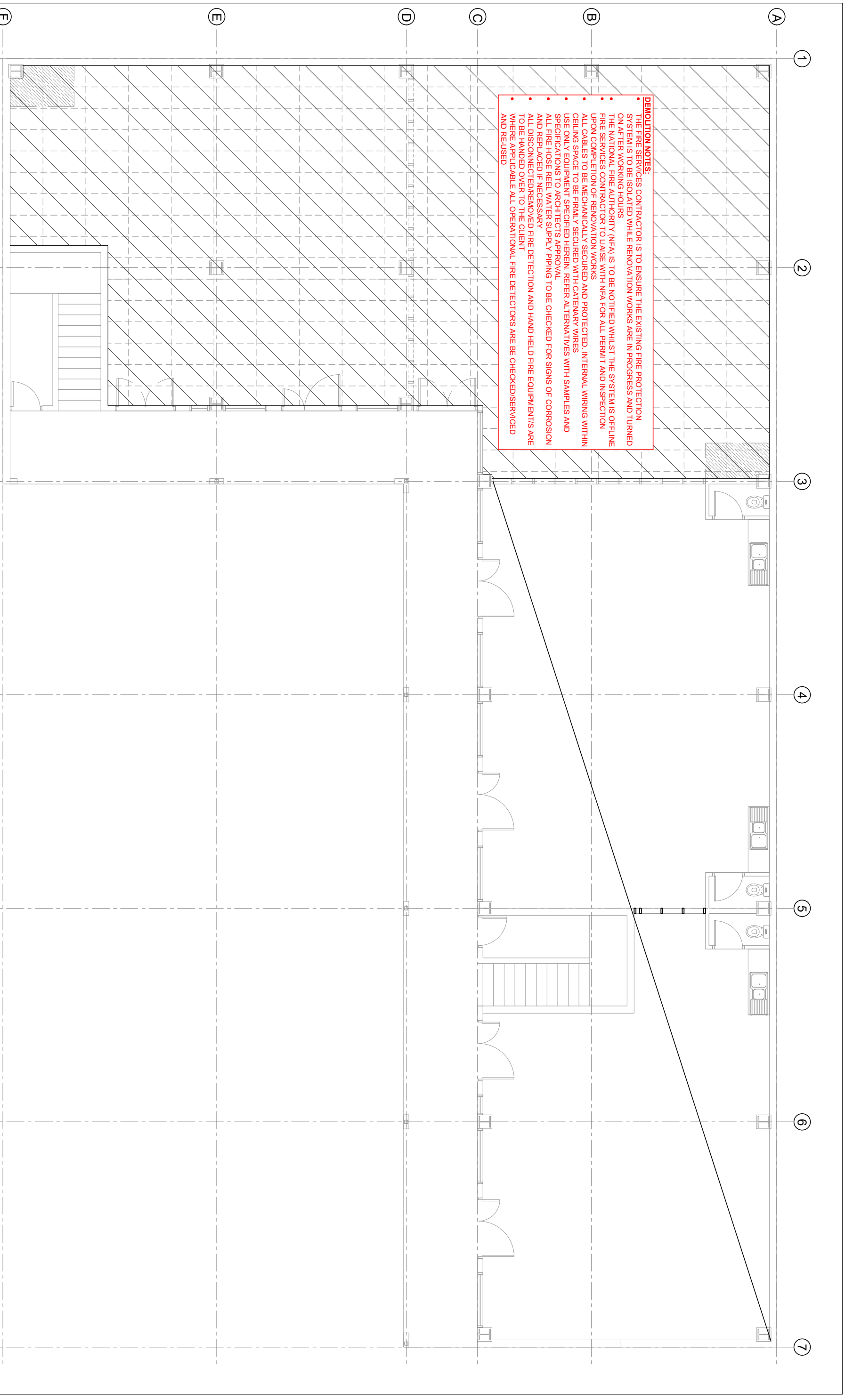
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PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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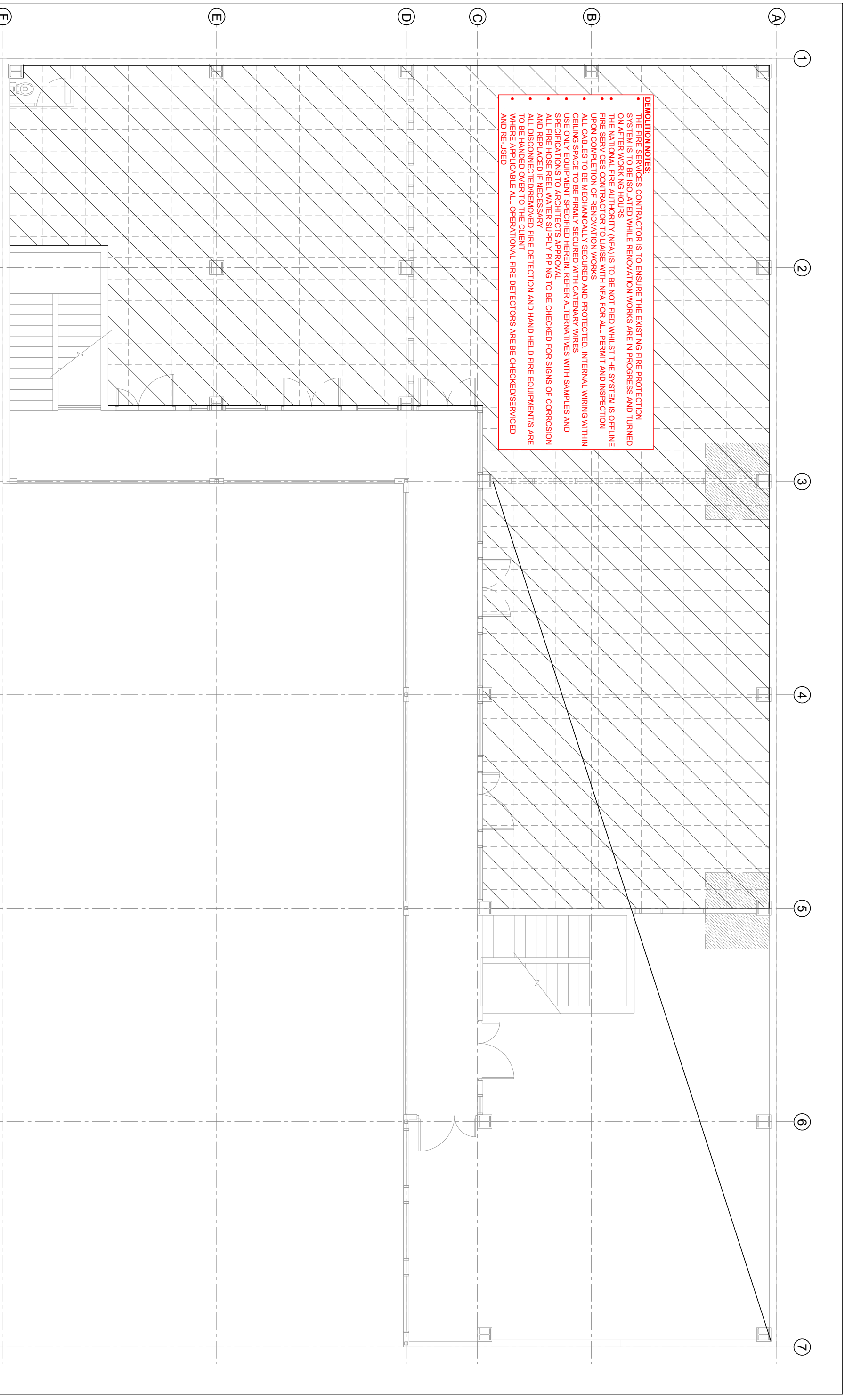


DEMOLITION NOTES:

- THE FIRE SERVICES CONTRACTOR IS TO ENSURE THE EXISTING FIRE PROTECTION SYSTEM IS TO BE ISOLATED WHILE RENOVATION WORKS ARE IN PROGRESS AND TURNED ON AFTER WORKING HOURS
- THE NATIONAL FIRE AUTHORITY (NFA) IS TO BE NOTIFIED WHILE THE SYSTEM IS OFFLINE
- FIRE SERVICES CONTRACTOR TO LAISE WITH NFA FOR ALL PERMIT AND INSPECTION UPON COMPLETION OF RENOVATION WORKS
- ALL CABLES TO BE MECHANICALLY SECURED AND PROTECTED. INTERNAL WIRING WITHIN CEILING SPACE TO BE FIRMLY SECURED WITH CATENARY WIRES
- USE ONLY EQUIPMENT SPECIFIED HEREIN. REFER ALTERNATIVES WITH SAMPLES AND SPECIFICATIONS TO ARCHITECTS APPROVAL
- ALL FIRE HOSE REEL WATER SUPPLY PIPING TO BE CHECKED FOR SIGNS OF CORROSION AND REPLACED IF NECESSARY
- ALL DISCONNECTED/REMOVED FIRE DETECTION AND HAND HELD FIRE EQUIPMENTS ARE TO BE HANDED OVER TO THE CLIENT
- WHERE APPLICABLE ALL OPERATIONAL FIRE DETECTORS ARE BE CHECKED/SERVICED AND RE-USED

1 EXISTING GROUND FLOOR LAYOUT
Scale 1:100

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2 EXISTING FIRST FLOOR LAYOUT

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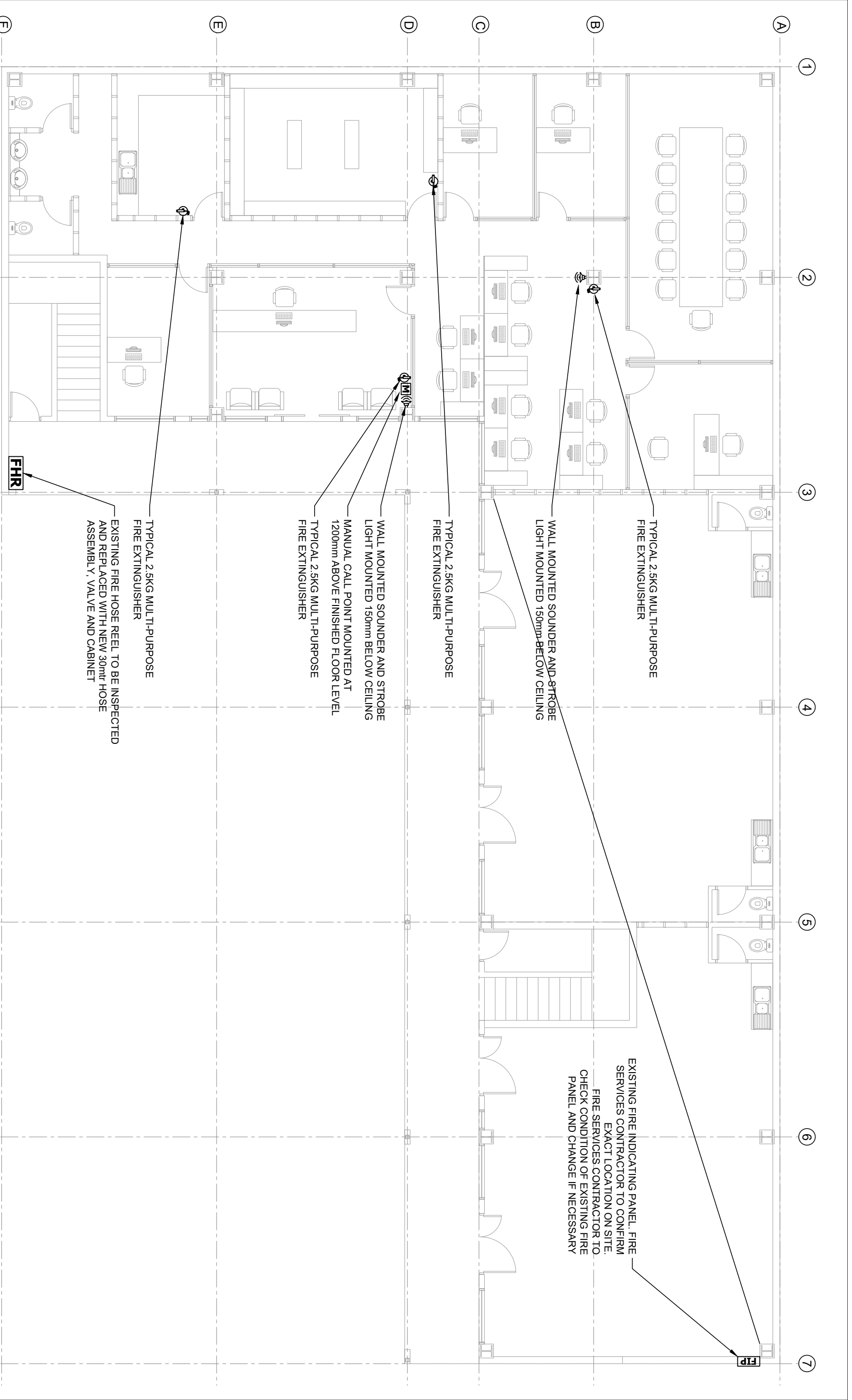
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3 PROPOSED GROUND FLOOR FIRE PROTECTION SERVICES LAYOUT

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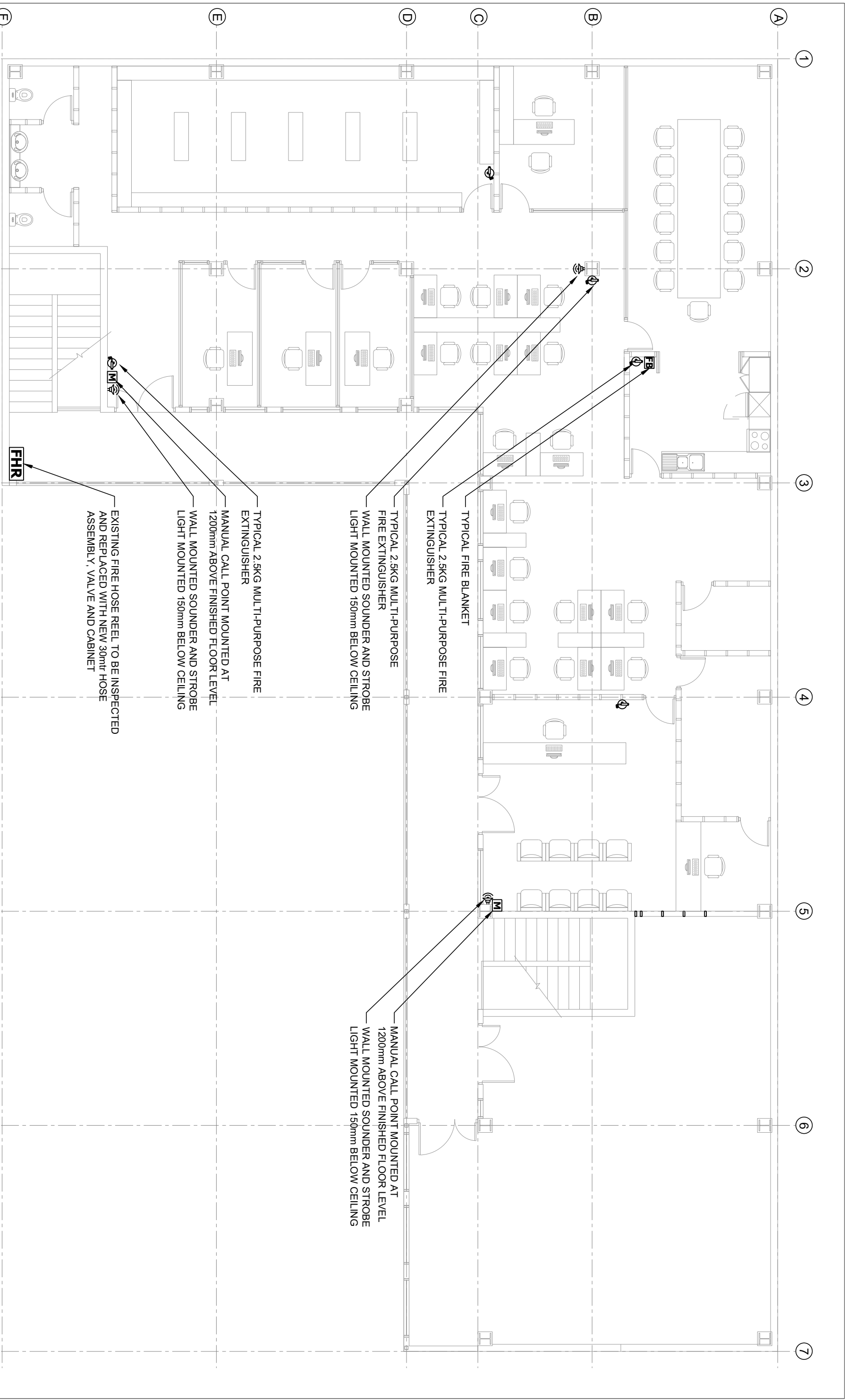
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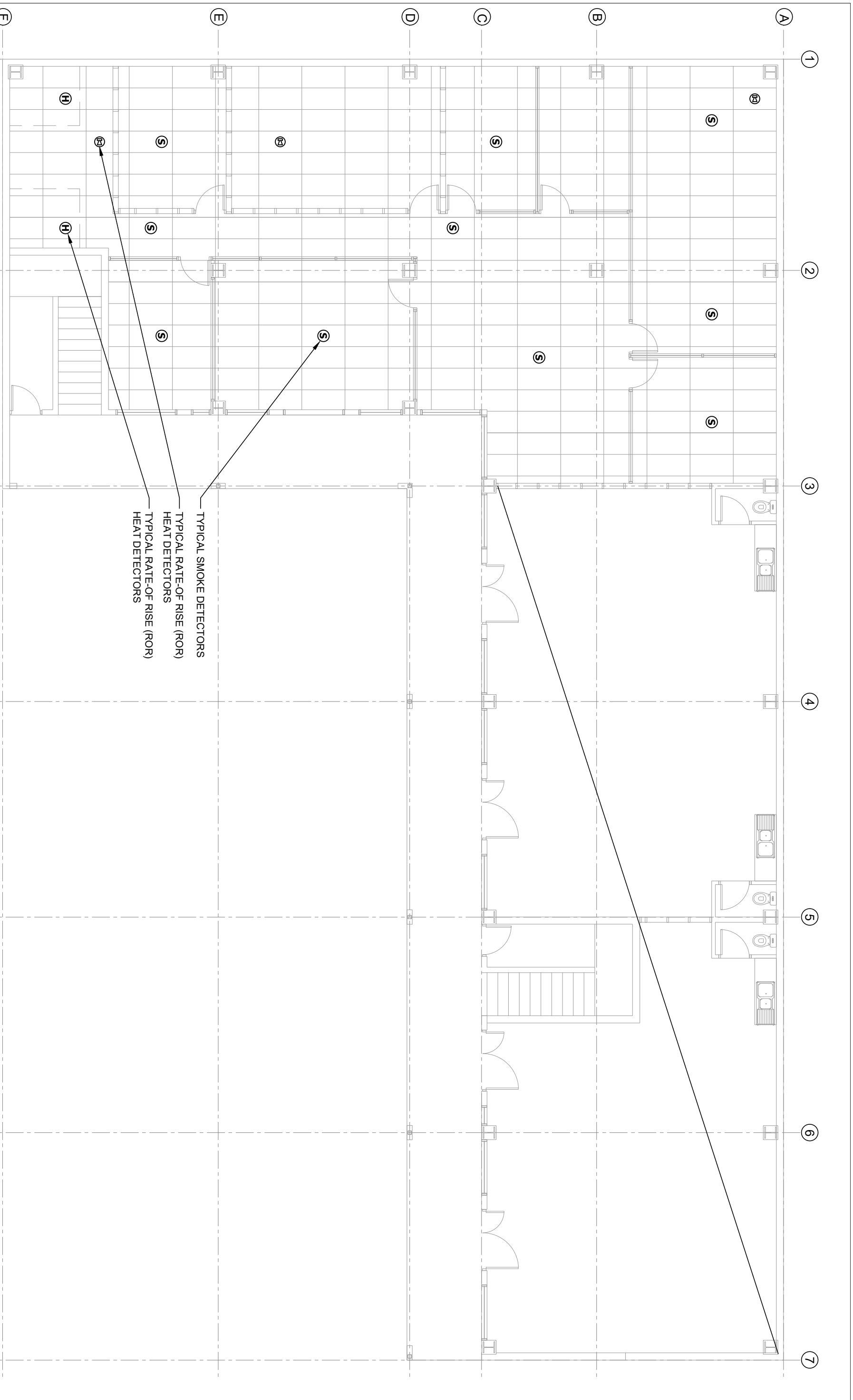
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PROJECT
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5 PROPOSED GROUND FLOOR REFLECTED CEILING FIRE PROTECTION SERVICES LAYOUT

Scale 1:100

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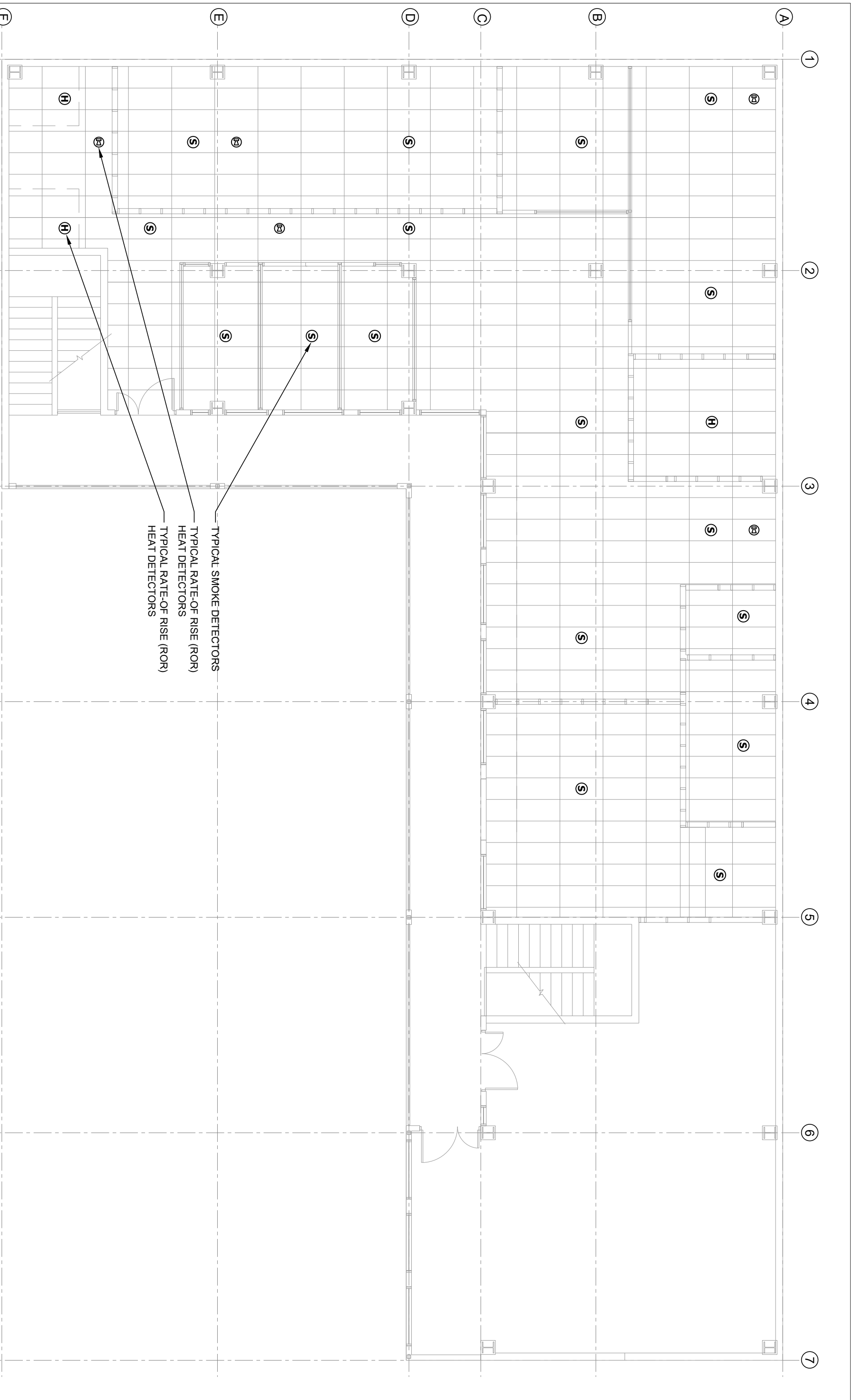
SHEET TITLE
PROPOSED GROUND FLOOR REFLECTED CEILING FIRE PROTECTION SERVICES LAYOUT

Rev	NOTES	DATE
1	TENDER ISSUE	28/02/2025
2		
3		

PROJECT
PROPOSED OFFICE FITOUT FOR TAUKEI LAND TRUST BOARD AT SANTOK INVESTMENT BUILDING, MARTINTAR, NADI

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DATE: 28 FEB 2025	Job No.: 014
SCALE: AS SHOWN	Sheet No.: F7
DRAWN: S.H.W	Rev 1
DESIGN: S.H.W	



6 PROPOSED FIRST FLOOR REFLECTED CEILING FIRE PROTECTION SERVICES LAYOUT

Scale 1:100

- TYPICAL SMOKE DETECTORS
- TYPICAL RATE-OF RISE (ROR) HEAT DETECTORS
- TYPICAL RATE-OF RISE (ROR) HEAT DETECTORS

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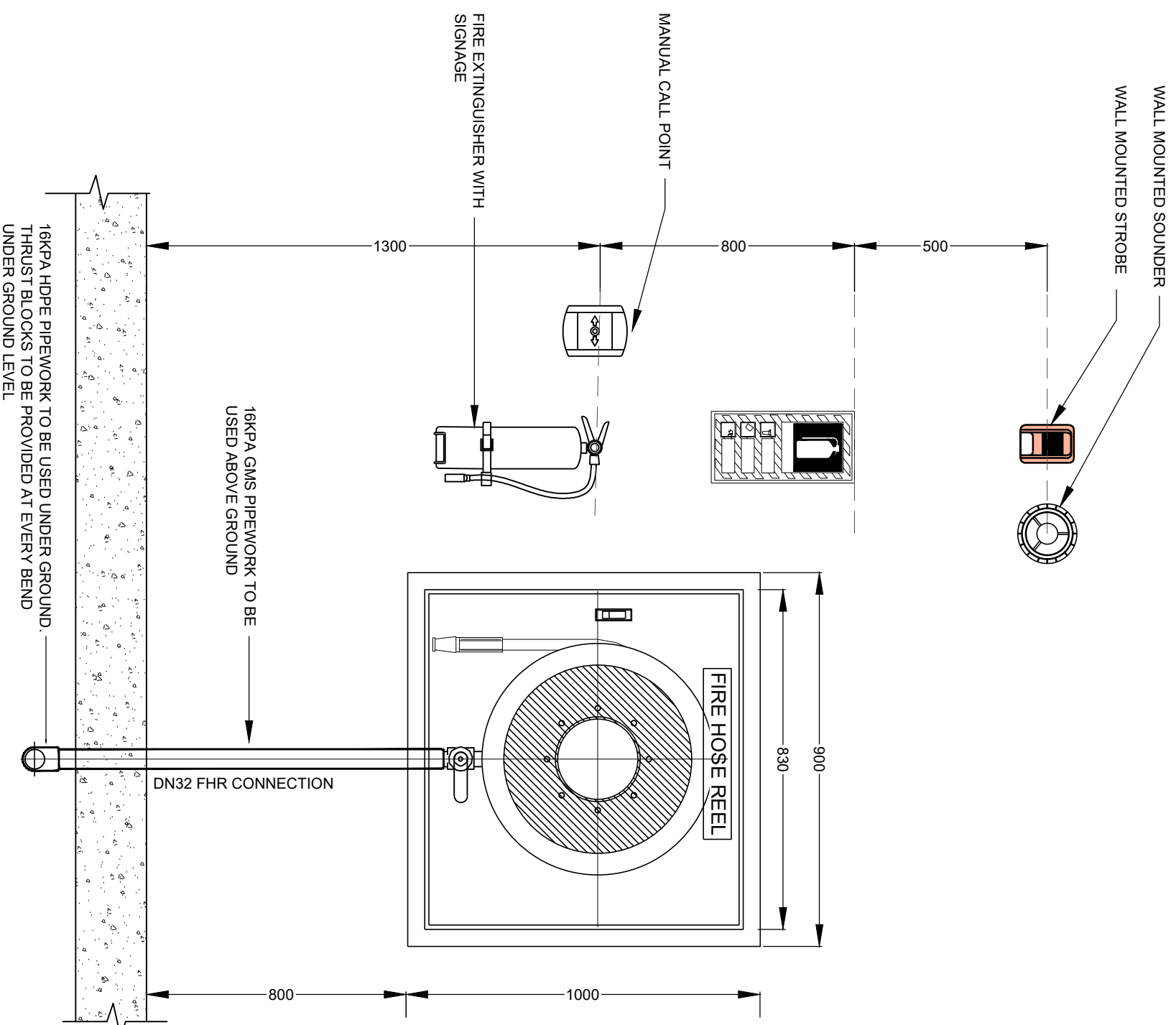
SHEET TITLE
**PROPOSED FIRST FLOOR
 REFLECTED CEILING FIRE
 PROTECTION SERVICES LAYOUT**

Rev	NOTES	DATE
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PROJECT
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 LAND TRUST BOARD AT SANTOK
 INVESTMENT BUILDING, MARTINTAR,
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7 FIRE EXTINGUISHER AND HOSE REEL DETAILS
Scale N.T.S

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